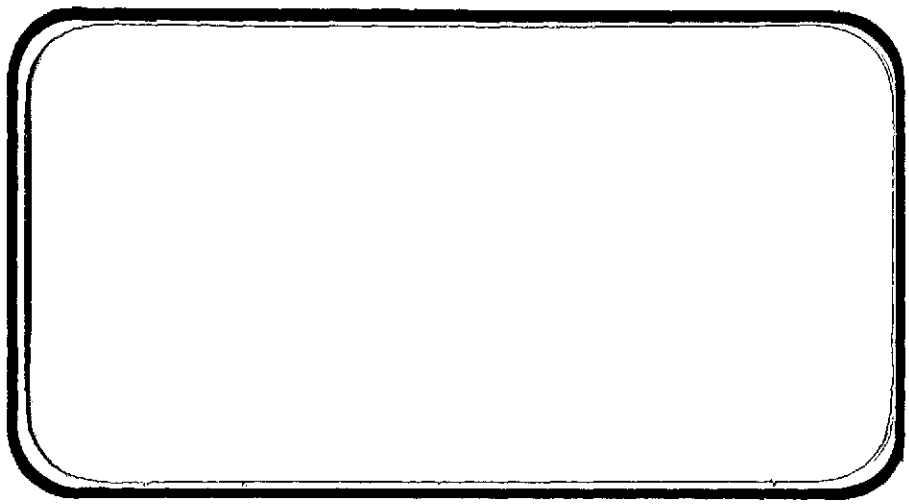
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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(NASA-CR-134428) RESULTS OF DIFFERENTIAL ELEVON/AILERON DEFLECTION FOR LATERAL CONTROL OPTIMIZATION AND ELEVON HINGE MOMENT INVESTIGATIONS ON AN 0.015-SCALE MODEL (49-0) OF THE SPACE SHUTTLE ORBITER IN THE

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

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DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

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Change is made on page 14 to better define locations of outboard, inboard and torsional gages.

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RESULTS OF DIFFERENTIAL ELEVON/AILERON DEFLECTION FOR LATERAL CONTROL OPTIMIZATION AND ELEVON HINGE MOMENT INVESTIGATIONS ON AN 0.015-SCALE MODEL (49-0) OF THE SPACE SHUTTLE ORBITER IN THE NASA/LANGLEY RESEARCH CENTER 8' TPT (OA116)

By

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Prepared under NASA Contract Number NAS9-13247

By

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Chrysler Corporation Space Division
New Orleans, La. 70189

for

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	LaRC 8' TPT 686
NASA Series Number:	OA116
Model Number:	49-0
Test Dates:	10 through 14 June 1974
Occupancy Hours:	80

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RESULTS OF DIFFERENTIAL ELEVON/AILERON DEFLECTION FOR LATERAL CONTROL OPTIMIZATION AND ELEVON HINGE MOMENT INVESTIGATIONS ON AN 0.015-SCALE MODEL (49-0) OF THE SPACE SHUTTLE ORBITER IN THE NASA/LANGLEY RESEARCH CENTER 8' TPT (OA116)

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ABSTRACT

Experimental aerodynamic investigations were conducted during the period of 10 June through 14 June 1974 in the NASA/Langley Research Center 8-Foot Transonic Pressure Tunnel on an 0.015-scale model of the Space Shuttle Orbiter, Configuration 140A/B.

The objectives of the test were as follows: Determine 1) transonic differential elevon/aileron lateral control optimization, 2) transonic elevon hinge moments, 3) transonic effects of the new baseline 6-inch elevon/elevon and elevon/fuselage gaps, and 4) transonic effects of the new short (VL70-008410) OMS pods.

Six-component aerodynamic force and moment, and elevon hinge moment data, were recorded over an angle-of-attack range from -2 to +22 degrees.

The test Mach numbers were 0.35, 0.6, 0.8, 0.9, 0.92, 0.95, 0.98 and 1.2. The Reynolds number per unit length varied from 2.0 to 3.6 million per foot.

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TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	PAGES
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SCHEDULE OF COEFFICIENTS PLOTTED:

A) CN, CL, CD, CA, CLM, XCP/L, L/D vs. ALPHA; CN, CL vs. CLM; CL vs. CD

B) DLTCA, DLTCD, DLTCL, DLTCN, DLTCLM vs. ALPHA

C) CHEINB, CHEOTB, CHETTL vs. ALPHA

D) CY, CYN, CBL, DLTCY, DLTCYN, DLTCBL, DCYNDA, DCBLDA, DCY/DA, DCLMDA vs. ALPHA

E) CY, CYN, CBL, DCY/DR, DCYNDR, DCBLDR, DCLMDR vs. ALPHA

NOMENCLATURE
General

SYMBOL	SADSAC SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
A_b		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	SADSAC SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
		Stability-Axis System
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (Continued)
Additions to Nomenclature

Symbol	Plot Symbol	Definition
C_{A_U}	CA	axial-force coefficient unadjusted for base or sting cavity pressures
$C_{A_{SC}}$	CASC	sting cavity axial-force coefficient
$\tilde{c}_e$		elevon mean aerodynamic chord, in.
$C_{H_{eI}}$	CHEINB	inboard elevon hinge moment coefficient
$C_{H_{eO}}$	CHEOTB	outboard elevon hinge moment coefficient
$C_{H_{eTotal}}$	CHETTL	total elevon hinge moment coefficient
HM_{eI}		inboard elevon panel hinge moment, in-lb
HM_{eO}		outboard elevon panel hinge moment, in-lb
H_3		inboard wing root bending moment, in-lb
H_4		outboard wing root bending moment, in-lb
H_5		wing torsional bending moment, in-lb
S_e		elevon planform area, ft^2
δ_{SB}	SPDBRK	speed brake deflection angle (parallel to freestream), degrees
δ_R	RUDDER	rudder deflection angle, degrees
δ_{BF}	BDFLAP	bodyflap deflection angle, degrees
X_{cp}/ℓ_{REF}	XCP/L	normal force center of pressure, percent reference length

NOMENCLATURE (Continued)
Additions to Nomenclature

SYMBOL	PLOT SYMBOL	DEFINITION
$\delta_{e_{LO}}$	ELV-LO	left outboard elevon surface deflection angle, positive deflection trailing edge down, degrees
$\delta_{e_{LI}}$	ELV-LI	left inboard elevon surface deflection angle, positive deflection trailing edge down, degrees
$\delta_{e_{RO}}$	ELV-RO	right outboard elevon surface deflection angle, positive deflection trailing edge down, degrees
$\delta_{e_{RI}}$	ELV-RI	right inboard elevon surface deflection angle, positive deflection trailing edge down, degrees
ΔC_L	DLTCL	incremental lift force coefficient due to a change from baseline condition
ΔC_N	DLTCN	incremental normal force coefficient due to a change from baseline condition
ΔC_A	DLTCA	incremental axial force coefficient due to a change from baseline condition
ΔC_D	DLTCD	incremental drag force coefficient due to a change from baseline condition
ΔC_m	DLTCLM	incremental pitching moment coefficient due to a change from baseline condition
ΔC_y	DLTCY	incremental sideforce coefficient due to a change from baseline condition
ΔC_n	DLTCYN	incremental yawing moment coefficient due to a change from baseline condition
ΔC_ℓ	DLTCBL	incremental rolling moment coefficient due to a change from baseline condition
$C_{y_{\delta a}}$	DCY/DA	side force coefficient derivative as a function of aileron deflection
$C_{n_{\delta a}}$	DCYNDA	yawing moment coefficient derivative as a function of aileron deflection

NOMENCLATURE (Continued)
Additions to Nomenclature

SYMBOL	PLOT SYMBOL	DEFINITION
$C_{\ell_{\delta_a}}$	DCBLDA	rolling moment coefficient derivative as a function of aileron deflection
$C_{m_{\delta_a}}$	DCLMDA	pitching moment coefficient derivative as a function of aileron deflection
$C_{m_{\delta_R}}$	DCLMDR	pitching moment coefficient derivative as a function of rudder deflection
$C_{y_{\delta_R}}$	DCY/DR	side force coefficient derivative as a function of rudder deflection
$C_{n_{\delta_R}}$	DCYNDR	yawing moment coefficient derivative as a function of rudder deflection
$C_{\ell_{\delta_R}}$	DCBLDR	rolling moment coefficient derivative as a function of rudder deflection
$\Delta\delta_{e_{LO}}$	DEL-LO	incremental deflection of left outboard elevon panel from some initial setting
$\Delta\delta_{e_{LI}}$	DEL-LI	incremental deflection of left inboard elevon panel from some initial setting
$\Delta\delta_{e_{RI}}$	DEL-RI	incremental deflection of right inboard elevon panel from some initial setting
$\Delta\delta_{e_{RO}}$	DEL-RO	incremental deflection of right outboard elevon panel from some initial setting
$\Delta\delta_{SB}$	DLSPBK	incremental deflection of speed brake from some initial setting
$\Delta\delta_R$	DLTRUD	incremental deflection of rudder from some initial setting.
C_{L_f}	CLF	forebody lift coefficient.

NOMENCLATURE (Concluded)
Additions to Nomenclature

SYMBOL	PLOT SYMBOL	DEFINITION
CN_{WING}	CNWING	wing normal force coefficient
CM_{WING}	CMWING	wing pitching moment coefficient
CBL_{WING}	CBLWNG	wing rolling moment coefficient

REMARKS

A total of 86 runs were made during this test with two runs (11 and 48) being considered invalid due to problems with a portion of the data. There was a zero shift in the elevon hinge moment data during run 11 which invalidated the outboard hinge moment data. Run 11 was rerun as run 12. Run 48 was considered bad due to a data system problem with the axial force channel of the balance. This run was repeated as run 49.

CONFIGURATIONS INVESTIGATED

The test vehicle was an 0.015-scale model of the Space Shuttle Orbiter. It was sting mounted in the wind tunnel utilizing the Langley Research Center #840 internal strain gage balance to measure six-component aerodynamic force and moment data. The left hand inboard and outboard elevon panels were strain-gage instrumented to measure elevon hinge moments.

The model was tested over an angle-of-attack range of -2 to +22 degrees. The model angle of sideslip was zero degrees for all runs. Rudder deflections of 0 and -10 degrees were tested with speedbrake deflections of 25, 55, and 85 degrees. The elevon positions tested were -40, -30, -20, -10, 0, 10, and 20 degrees with various differential combinations investigated during the test program. The vehicle bodyflap deflection was fixed at 0 degrees throughout the test.

The model configuration is summarized below:

Orbiter-140A/B/C = B_{26} C_9 E_{43} F_8 M_{16} N_{28} R_5 V_8 W_{116}

Component	Definition
B_{26}	Fuselage per Rockwell Lines VL70-000140A and VL70-000140B (Model drawing SS-A00147)
C_9	Canopy per Rockwell Lines VL70-000140A and VL70-000143B (Model drawing SS-A00147)
E_{43}	Slotted version (6-inch) of E_{26} elevons per Rockwell VL70-000145 (Model drawing SS-A00147)
F_8	Body flap per Rockwell Lines VL70-000145 (Model drawing SS-A00147)
M_{16}	OMS/RCS pods per Rockwell Lines VL70-0084010 (Model drawing SS-A00147)

CONFIGURATIONS INVESTIGATED (Concluded)

N_{28}	OMS engine nozzle per Rockwell Lines VL70-000145 (Model drawing SS-A00147)
R_5	Rudder per Rockwell Lines VL70-000146A (Model drawing SS-A00148)
V_8	Vertical tail per Rockwell Lines VL70-000146A (Model drawing SS-A00148
W_{116}	Wing per Rockwell Lines VL70-000200 (Model drawing SS-A00148)

A complete description of model dimensional data is given in Table III.

DATA REDUCTION

The aerodynamic forces and moments recorded by the internal strain gage balance were reduced to coefficient form in body and stability axis systems utilizing the following reference dimensions:

Symbol	Definition	Model Scale	Full Scale
A_B	total base area excluding sting cavity, ft^2	0.06080	270.2
A_{SC}	sting cavity area, ft^2	0.03409	151.5
S_{ref}	wing planform area, ft^2	0.60525	2690.0
ℓ_{ref}	body reference length, in	19.3545	1290.3
$\bar{c}_w$	wing MAC, in	7.1222	474.81
b_{ref}	wing span, in	14.0502	936.68
$\bar{c}_e$	elevon MAC, in	1.3605	90.7
S_e	elevon reference area, ft^2	0.04725	210.0
$S_e\bar{c}_e$	elevon area moment, ft^2-in	0.06428	19,047

Moments are referenced about model station 16.150 (full scale fuselage station 1076.68) on the fuselage at model water line 5.625 (full scale water line 375).

Model base and cavity pressures were measured during the test and have been used to correct the data for model base effects. Location and areas for these pressures are shown in figure 2c.

Axial-force coefficients are determined as follows:

$$C_A = C_{A_U} - C_{A_{SC}}$$

$$C_{A_f} = C_{A_U} - C_{A_B}$$

Where: C_{A_U} = axial-force coefficient unadjusted for base or sting cavity pressures.

$C_{A_{SC}}$ = sting cavity axial-force coefficient.

C_{A_B} = base axial-force coefficient.

The elevon hinge moment coefficients are calculated by:

$$C_{H_{eI}} = \frac{HM_{eI}}{q\, S_e \bar{c}_e} \qquad C_{H_{eO}} = \frac{HM_{eO}}{q\, S_e\, \bar{c}_e}$$

The total elevon hinge moment coefficient is calculated by:

$$C_{H_{eTotal}} = C_{H_{eI}} + C_{H_{eO}}$$

Moments were measured by three wing bending moment gages, located on the right wing. The moments measured are the inboard wing bending moment (H_3), the outboard wing bending moment (H_4), and the wing torsional moment (H_5). The outboard gage (H_3) is located at Yo = 2.5348 (168.987 FS), the inboard gage (H_4) is located at Yo = 1.8611 (124.073 FS) and the torsional gage (H_5) is located at Xo = 18.900 (1260.0 FS). The data from these gages was reduced about an MRP of Xo = 16.1502 (1076.8 FS) and Yo = 0.

The wing normal force coefficient is calculated by:

$$CN_{WING} = \frac{H_4 - H_3}{.4078\ q} \quad (q \text{ in PSF})$$

The wing pitching moment coefficient is calculated by:

$$CM_{WING} = \frac{.23195\ (H_5)}{q} - .38586\ CN_{WING} \quad (q \text{ in PSF})$$

The wing rolling moment coefficient is calculated by:

$$CBL_{WING} = \frac{.11758\ (H_4)}{q} - .1804\ CN_{WING} \quad (q \text{ in PSF})$$

TABLE I.

TEST : 0A116 DATE : 6/14/74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.35	2.0×10^6	1.84	150
0.6	3.2×10^6	4.2	150
0.8	3.6×10^6	4.2	150
0.9	3.3×10^6	4.2	150
0.92	3.2×10^6	4.2	150
0.95	3.2×10^6	4.2	150
0.98	3.1×10^6	4.2	150
1.20	2.9×10^6	4.2	150

BALANCE UTILIZED: LRC #840

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	800 #	± 4 #	
SF	250 #	±1.25 #	
AF	125 #	± .625 #	
PM	1600 in.#	± 8 in.#	
RM	500 in.#	±2.5 in.#	
YM	500 in.#	±2.5 in.#	

COMMENTS:

TABLE II.

TEST: 8'TPT-686 (ΦA-116) DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 6/10 → 6/14/74

Set 1 Set 38

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES ΦUT	INBD	INBD	OUTBD	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) SSB		.35	.60	.80	.90	.92	.95	.98	1.2	TEST RUN NUMBERS
RHU001	MΦD. -140 A/B/C	A	0	0	0	0	0	0	25		8	7	6	5	4	3	2	1	
02	MΦD. -140 A/B/C ΦMS ΦEF			0	0	0	0	0	25		73	72	71	70	69	68	67	66	
03	MΦD. -140 A/B/C			0	0	0	0	0	55		44	43		42				41	
04				0	0	0	0	0	85		65	64		63				62	
05				0	0	0	0	-10	25		54	53		52				51	
06				0	0	0	0	-10	55		58	57		56				55	
07				0	0	0	0	-10	85					61				60	
08				0	10	10	0	0	25									9	
09				0	20	20	0											87	
10				0	-10	-10	0											10	
11				10	0	0	10											29	
12				-10	0	0	-10											30	
13				-20	0	0	-20											12	
14				-40	0	0	-40											45	
15				10	10	10	10				28	27		26				25	
16				20	20	20	20				24	23		22				21	
17				-10	-10	-10	-10				16	15		14				13	
18				-20	-20	-20	-20				20	19		18				17	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CN, CLM, CA, CAB, CAF, CY, CYN, CBL, L/D, CD, CDF, ALPHA, BETA, MN

LDF, CLF, Q(PSF), CH1, CH2, N3, N4, N5

α OR β SCHEDULES: A) -2° → 20°

COEFFICENTS

IDVAR (1) IDVAR (2) NDV

TABLE II. (Concluded)

TEST: 8' TPT-686 (ΦA-116) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 6/10 → 6/14/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES ΔΦL	ΔβL	ΔβR	ΔΦR	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) S_{SB}		.35	.60	.80	.90	.92	.95	.98	1.2
RHU019	MΦD-140A/B/C	A	0	-20	-10	-10	-20	0	25									86
20				-30	-10	-10	-30											59
21				-40	-10	-10	-40											46
22				10	0	0	-10				37	36	35	34			33	32
23				-20	0	0	0											40
24				-30	0	0	-10											47
25				10	10	10	-10											31
26				10	-10	-10	-10											38
27				-20	-10	-10	0				81	80		79				78
28				-20	-10	-10	0											39
29				-10	-20	-20	-30				85	84		83				82
30				-10	10	-10	-30											49
31				10	20	0	-10											50
32				-20	-20	0	0				77	76		75				74

TEST RUN NUMBERS

1	7	13	19	25	31	37	43	49	55	61	67	75 76
CM	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D	CD	CDF	ALPHA	BETA	M,N

L/DF, CLF, Q(PSF), CH1, CH2, H3, H4, H5 — COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B_{26}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Fuselage

NOTE: B_{26} is identical to B_{24} except underside of fuselage has been refaired to accept W_{116}.

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER: VL70-000143B, -000200, 000205, -006089, -000145, -000140A, 000140B

DIMENSIONS:	FULL SCALE	MODEL SCALE
*Length (OML: Fwd Sta. X_o=235)-In.	1293.3	19.400
*Length (IML: Fwd Sta. X_o=238)-In.	1290.3	19.355
* Max Width (@ X = 1528.3) - In.	264.0	3.960
Max Depth (@ X_o = 1464) - In.	250.0	3.750
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional	340.88	0.077
Planform		
Wetted		
Base		

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA- Continued.

MODEL COMPONENT : CANOPY - C_9

GENERAL DESCRIPTION : Configuration 3A, Canopy used with Fuselage B_{26}.

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER : VL70-000143A & B

DIMENSIONS :	FULL SCALE	MODEL SCALE
*Length (X_o = 434.643 to 578)	143.357	2.150
Max Width (@ X_o = 513.127)	152.412	2.286
Max Depth (@ X_o = 485.0)	25.000	0.375
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: SLOTTED ELEVON (6-INCH GAP) - E_{43}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter elevon.

NOTE: E_{43} is a slotted version of E_{26}. Data are for one side.

MODEL SCALE: 0.015 Model drawing SS-A00148

DRAWING NUMBER: VL70-000200, VL70-006089, VL006092

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.0473
Span (equivalent) - In.	349.2	5.238
Inb'd equivalent chord In.	118.004	1.770
Outb'd equivalent chord In.	55.192	0.828
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Product of Area and $\bar{c}$)-Ft^3	1587.25	0.00536
Mean Aerodynamic Chord ($\bar{c}$), in.	90.7	1.3605

TABLE III. - MODEL DIMENSIONAL DATA- Continued.

MODEL COMPONENT : BODY FLAP - F_8

GENERAL DESCRIPTION : Configuration 140A/B Orbiter Body Flap.
Hingeline located at X_o = 1528.3, Z_o = 284.3

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER : VL7-000140A, VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o=1520 TO X_o=1613) In.	93.000	1.395
Max Width (In.)	262.00	3.930
Max Depth (X_o = 1520) - In.	23.000	0.345
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional		
Planform	150.525	0.0339
Wetted		
Base	41.84722	0.00941

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: OMS Pod (M16)

GENERAL DESCRIPTION: Configuration 140D Orbiter OMS-Pod

Model Scale = 0.015 Model Drawing No. SS-A00147

DRAWING NUMBER VL70-000140D
VL70-008410

DIMENSION:	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o=1310.5)-In.	258.5	3.878
Max Width (@ X_o = 1511)-In.	136.8	2.052
Max Depth (@ X_o = 1511)-In.	74.7	1.121
Fineness Ratio	2.484	2.484
Area - FT^2.		
Max Cross-Sectional	58.864	0.0132
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA-Continued

MODEL COMPONENT: OMS NOZZLES - N_{28}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter OMS Nozzles

MODEL SCALE: 0.015 MODEL DRAWING: SS-000147 RELEASE 5 (Contour)

DRAWING NUMBER: VL70-000145, (Location)

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane		
Throat to Exit Plane		
Diameter - In.		
Exit		
Throat		
Inlet		
Area - ft^2		
Exit		
Throat		
Gimbal Point (Station) - In.		
Left Nozzle		
X_o	1518.0	22.770
Y_o	- 88.0	- 1.320
Z_o	492.0	7.380
Right Nozzle		
X	1518.0	22.770
Y	+ 88.0	+ 1.320
Z	492.0	7.380
Null Position - Deg.		
Left Nozzle		
Pitch	15°49'	15°49'
Yaw	12°17'	12°17'
Right Nozzle		
Pitch	15°49'	15°49'
Yaw	12°17'	12°17'

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R_5

GENERAL DESCRIPTION: 2A, 3, 3A and 140A/B Configurations

MODEL SCALE: 0.015 Model drawing SS-A00148

DRAWING NUMBER: VL70-000146A, VL70-000095, VL70-000139.

DIMENSIONS:	FULL-SCALE	MODEL SCALE
*Area- Ft^2	100.15	0.0225
Span (equivalent) - In	201.0	3.015
Inb'd equivalent chord - In.	91.585	1.3738
Outb'd equivalent chord - In.	50.833	0.7625
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
* Area Moment (Product of area & $\bar{c}$)-Ft^3	610.92	0.002
*Mean Aerodynamic Chord, In.	73.2	1.098

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Vertical Tail

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000146A

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2 Planform	413.253	0.093
Span (Theo) - In.	315.720	4.736
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
* Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	4.028
Tip (Theo) WP	108.470	1.627
MAC	199.808	2.997
Fus. Sta. of .25 MAC	1463.50	21.953
W.P. of .25 MAC	635.522	9.533
B.L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.920	14.920
Leading Edge Radius	2.00	0.030
Void Area	13.17	0.003
Blanketed Area	0.00	0.00

TABLE III. - MODEL DIMENSIONAL DATA - Concluded. *REVISED 4/24/74

MODEL COMPONENT: WING-W_{116}

GENERAL DESCRIPTION: Configuration 4

NOTE: Idehtical to W_{114} except airfoil thickness. Dihedral angle is along trailing edge of wing.

MODEL SCALE: 0.015 Model drawing SS-A00148

TEST NO. DWG. NO. VL70-000140A, -000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	0.605
Span (Theo In.	936.68	14.050
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	+ 3.000	+ 3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	10.339
Tip, (Theo) B.P.	137.85	2.068
MAC	474.81	7.122
*Fus. Sta. of .25 MAC	1136.83	17.052
* W.P. of .25 MAC	290.58	4.359
* B.L. of .25 MAC	182.13	2.732
EXPOSED DATA		
* Area (Theo) Ft^2	1751.50	0.394
* Span, (Theo) In. BP108	720.68	10.810
* Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
* Root BP108	562.09	8.431
Tip 1.00 $\frac{b}{2}$	137.85	2.068
* MAC	392.83	5.892
* Fus. Sta. of .25 MAC	1185.98	17.790
* W.P. of .25 MAC	294.30	4.415
* B.L. of .25 MAC	251.77	3.777
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
*Planform Area Ft^2	113.18	0.025
* Leading Edge Intersects Fus M. L. @ Sta	500.0	7.50
* Leading Edge Intersects Wing @ Sta	1024.00	15.36

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

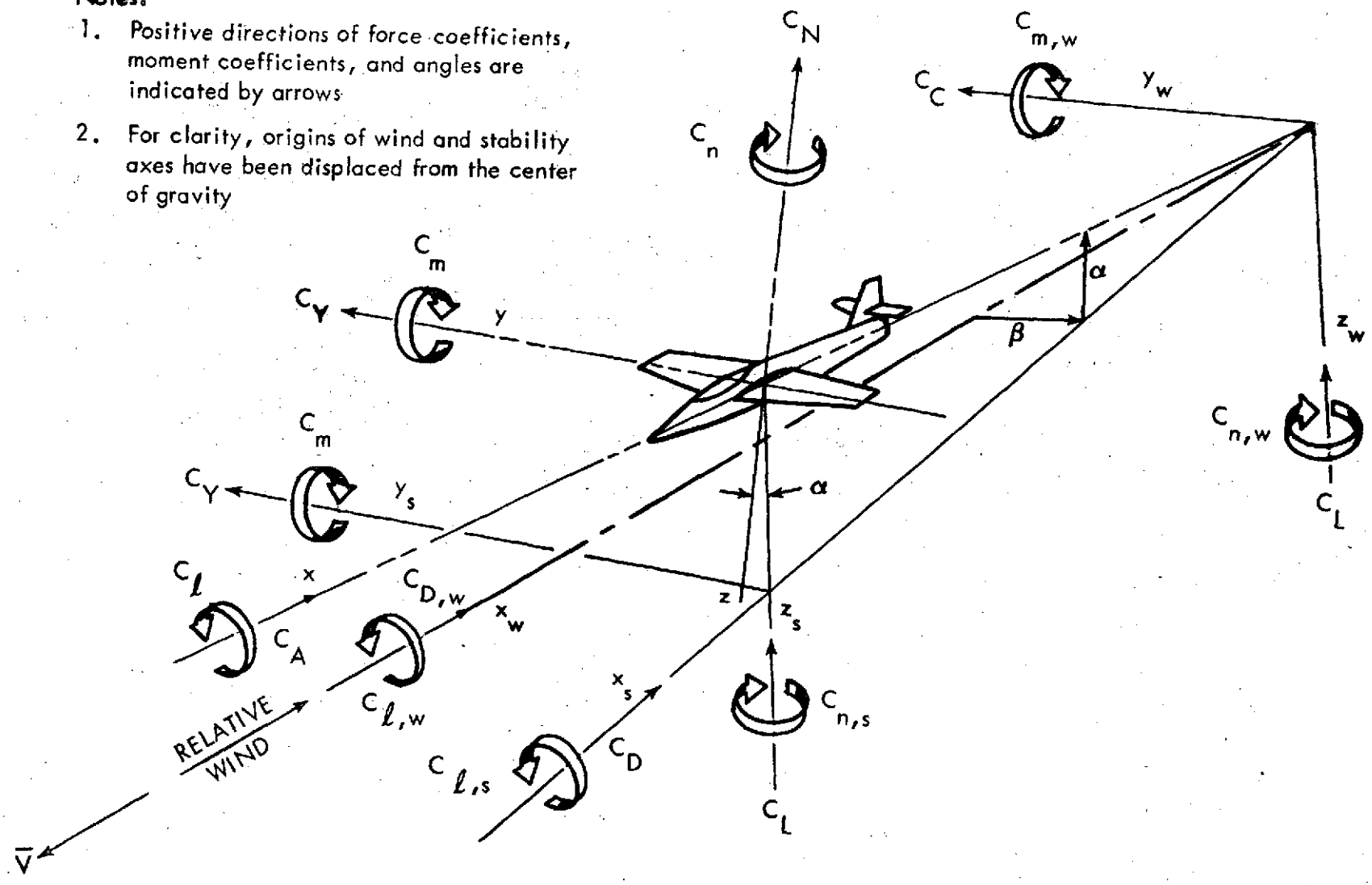
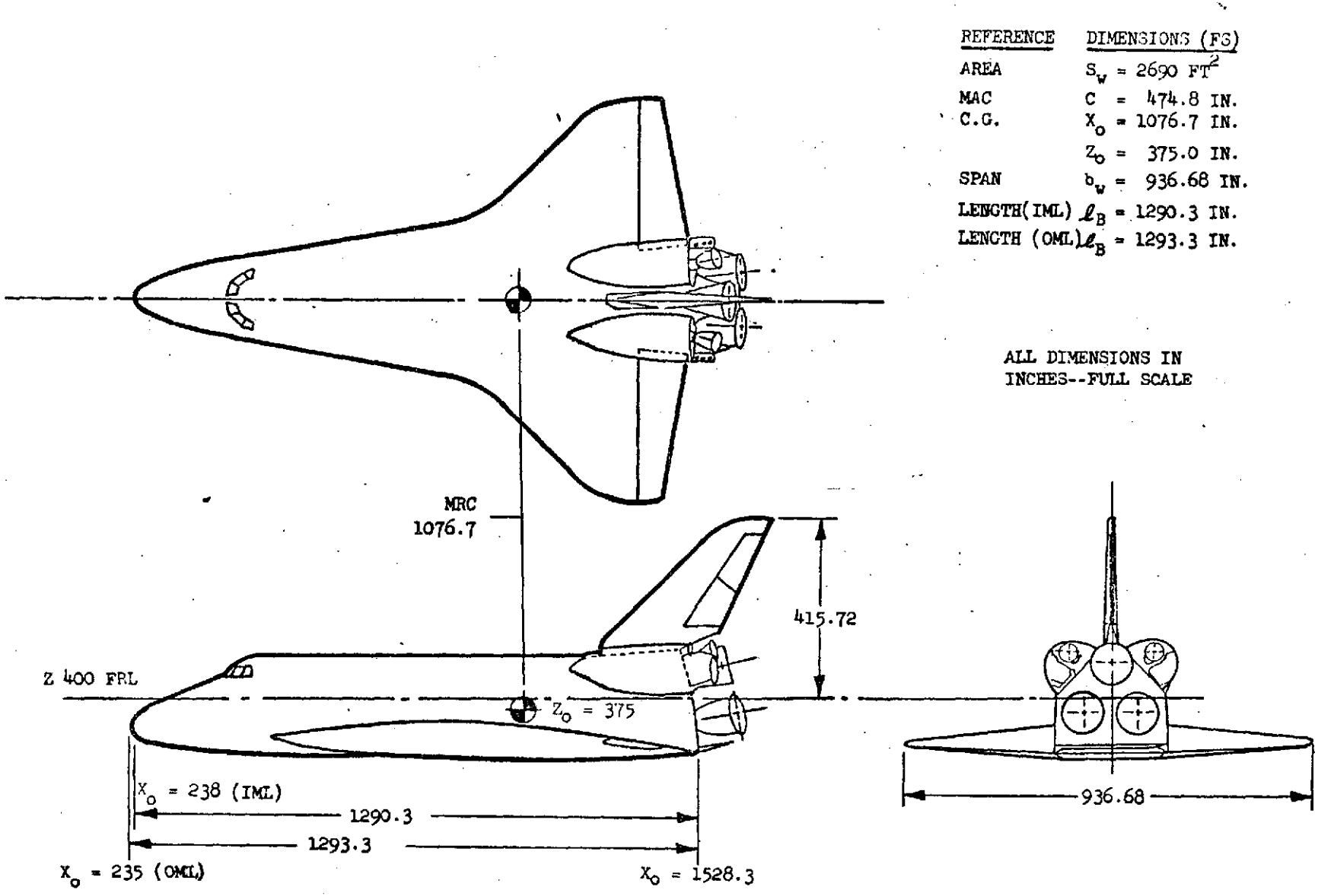
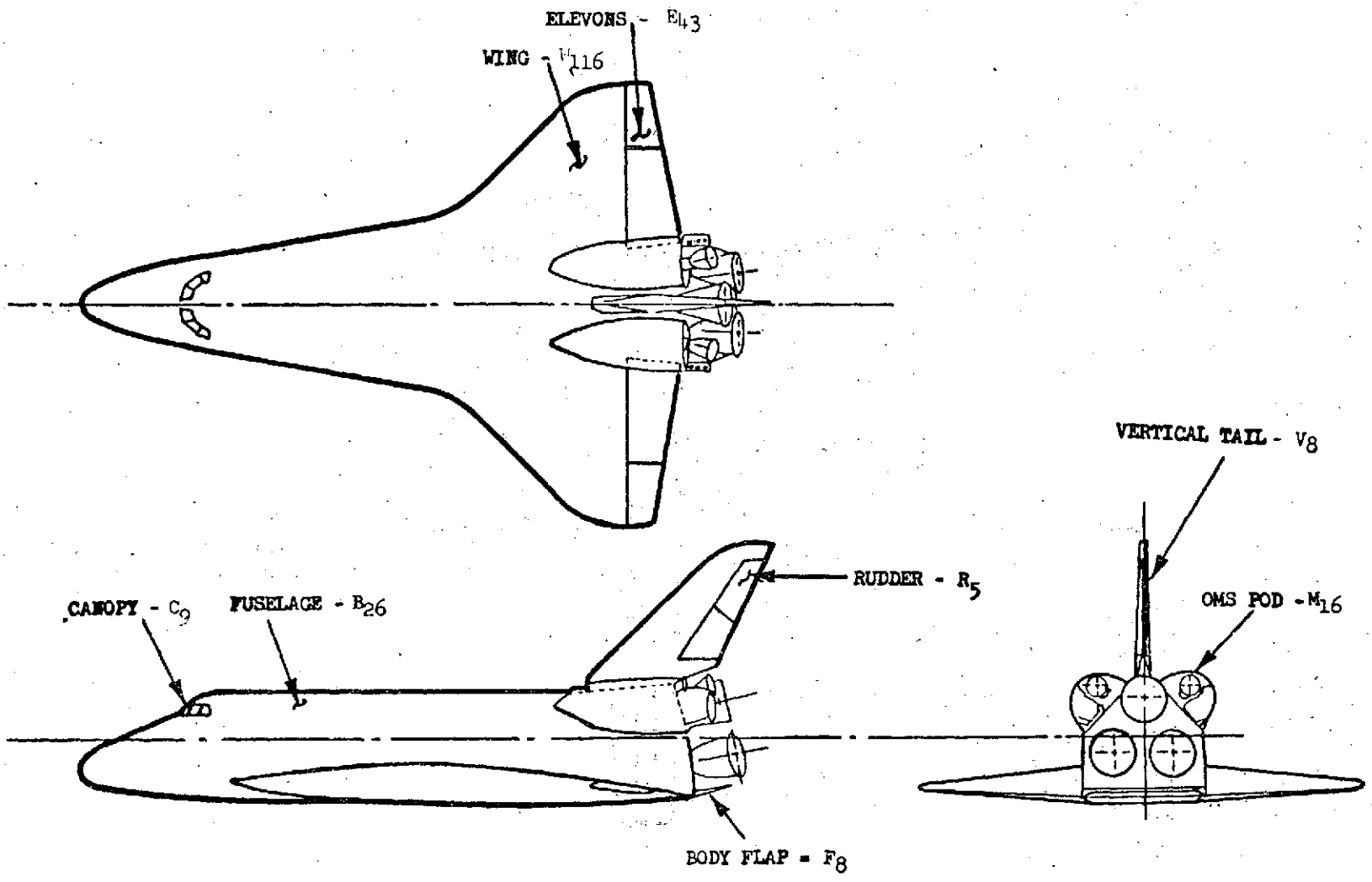


Figure 1. - Axis systems.



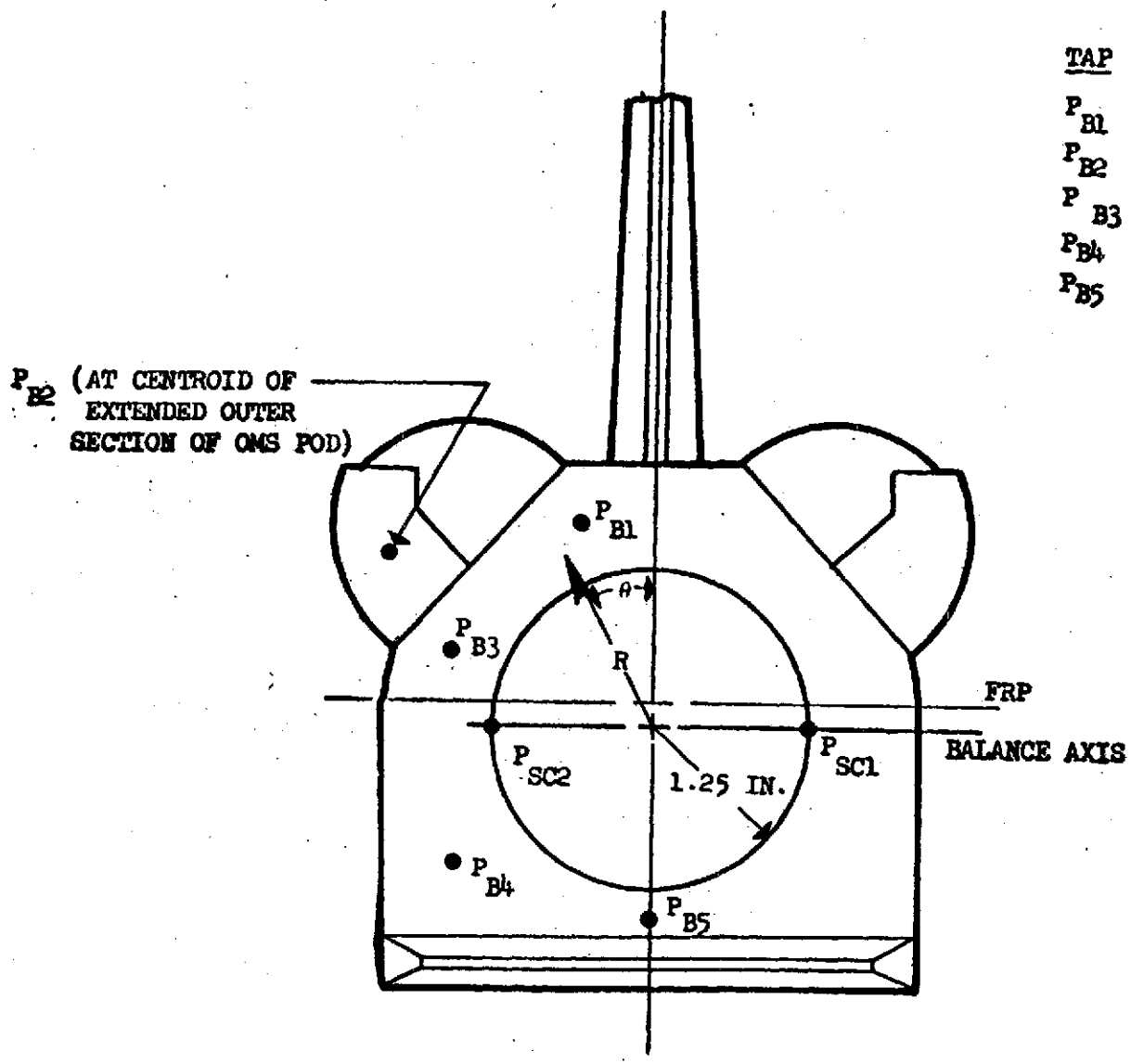
a. SSV Orbiter Configuration 140A/B

Figure 2. - Model sketches.



b. Model Nomenclature

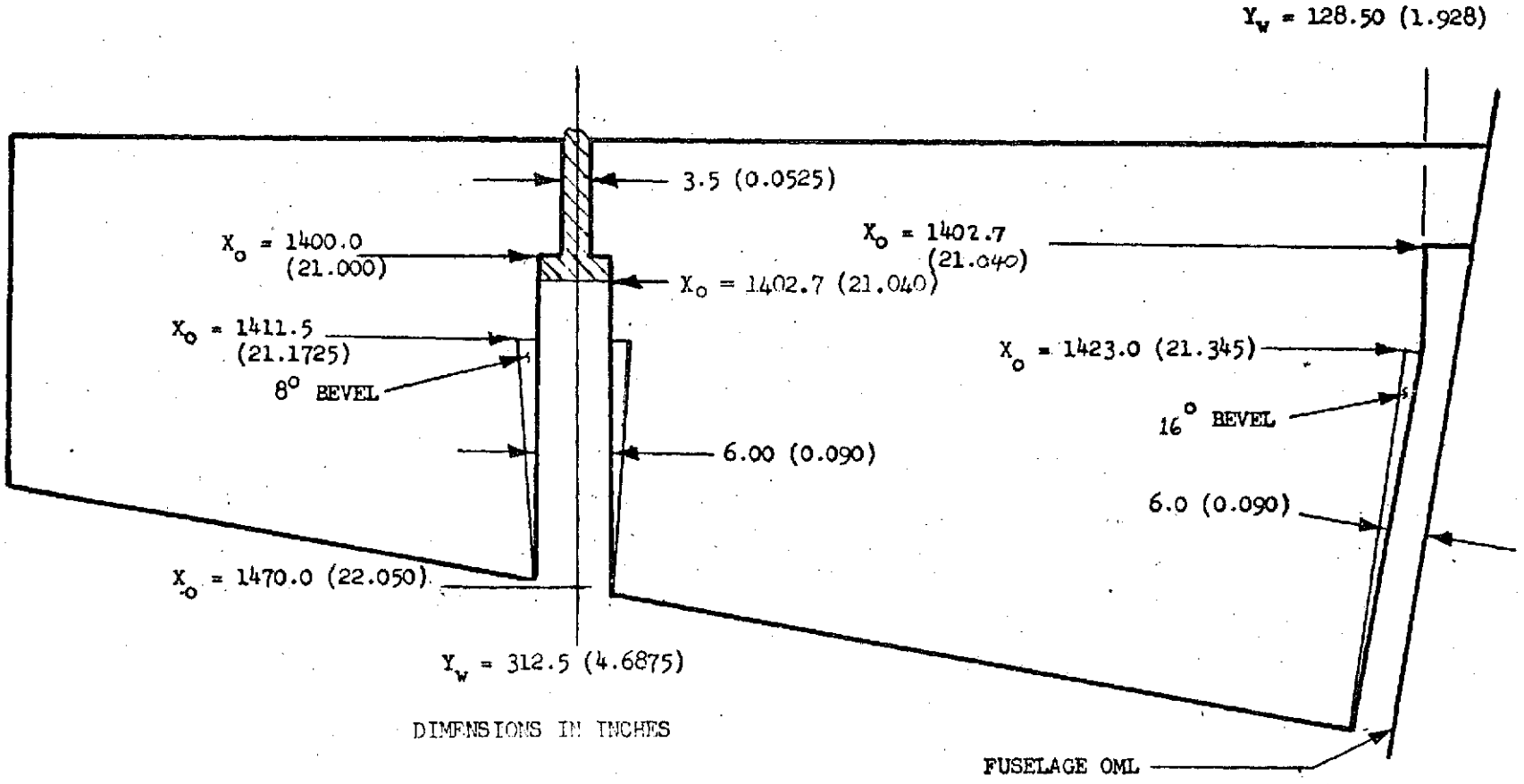
Figure 2. - Continued.



TAP	θ	R
P_{B1}	20°	1.60 IN.
P_{B2}	57°	2.10 IN.
P_{B3}	70°	1.50 IN.
P_{B4}	125°	1.76 IN.
P_{B5}	180°	1.33 IN.

c. Base and Cavity Pressure Locations

Figure 2. - Continued.



d. Slotted Elevon - E_{43} (6-inch Gap)

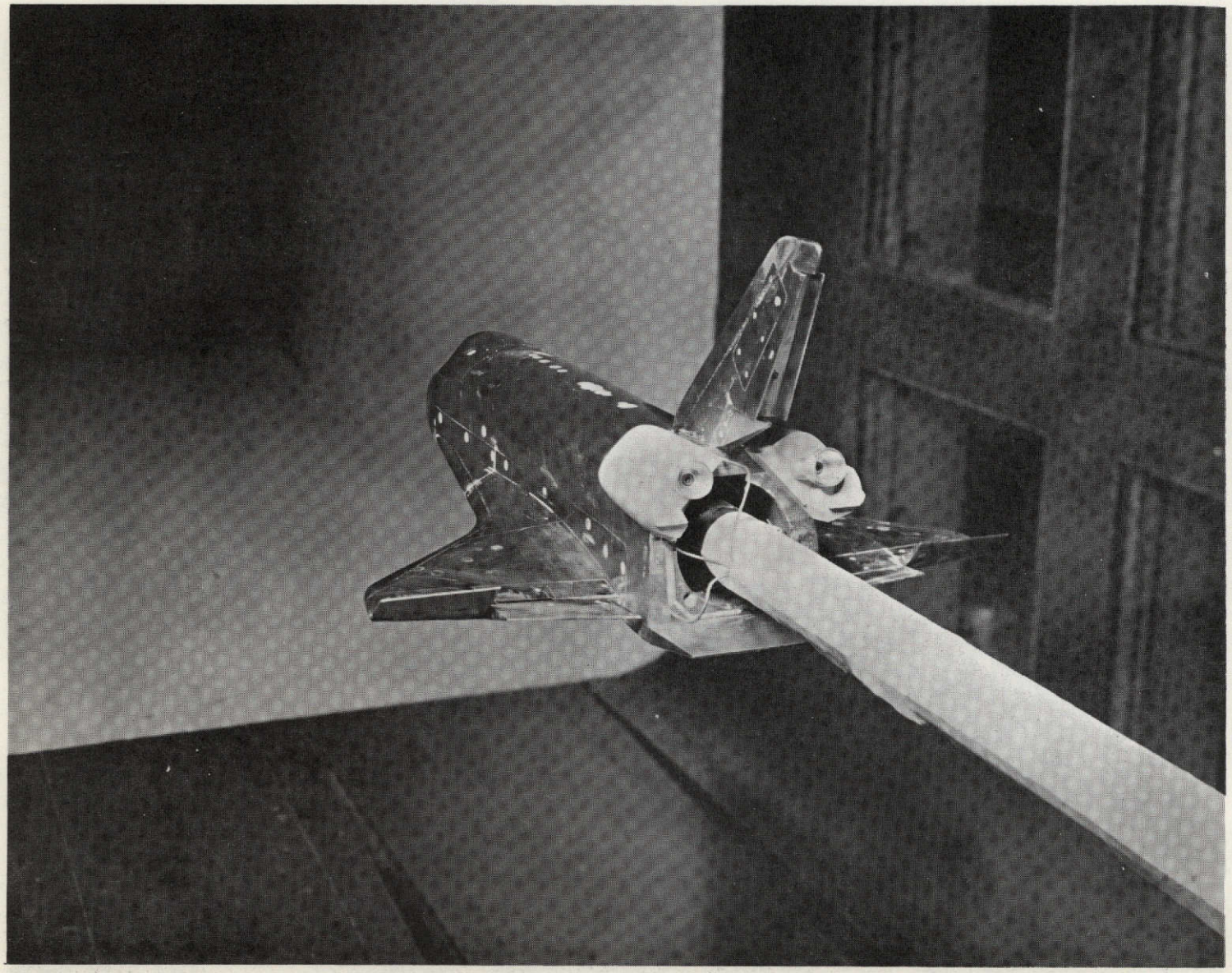
Figure 2. - Concluded.

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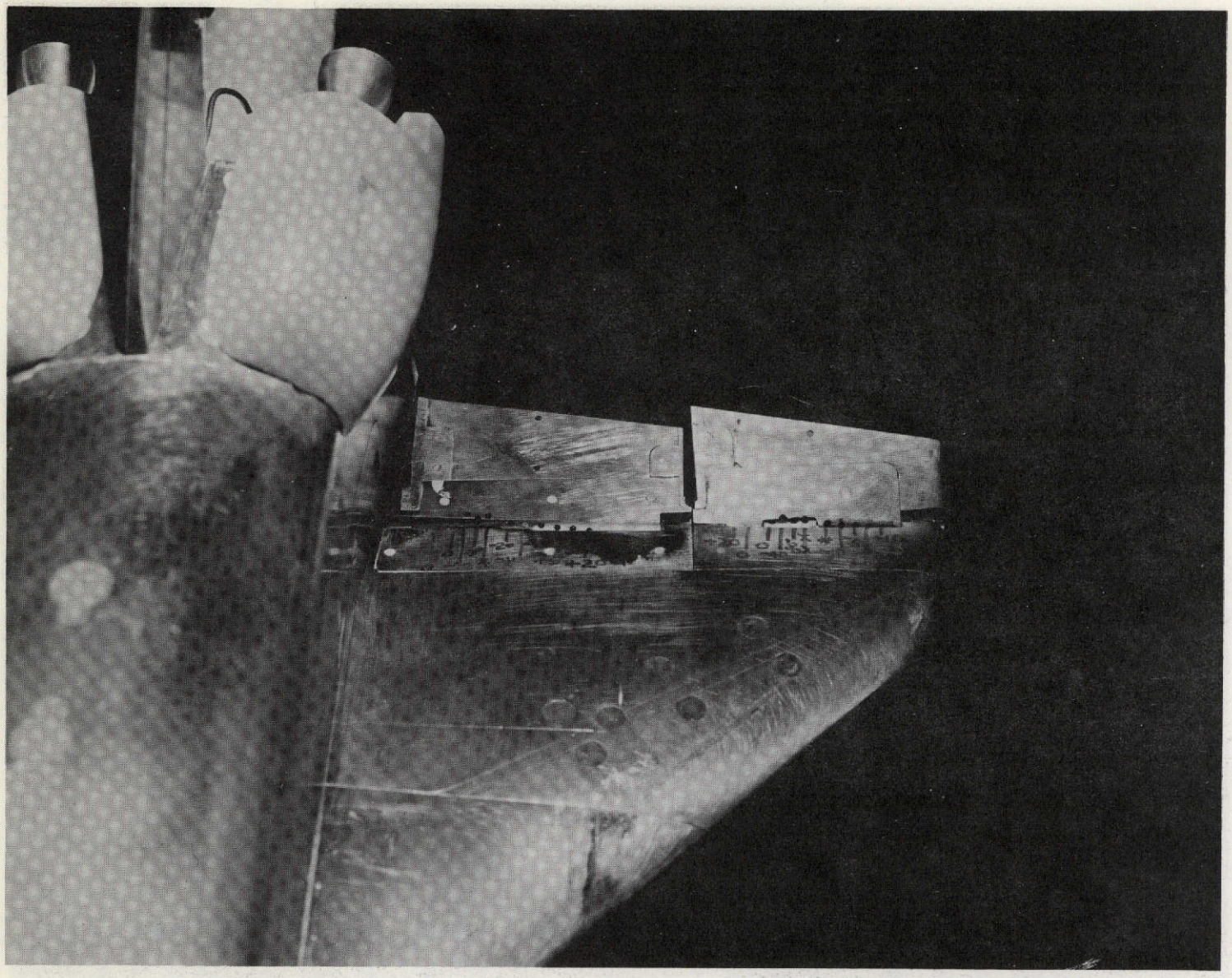
a) 3/4 - Front View

Figure 3. Photographs of Model Installed in LaRC 8' TPT

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b). 3/4 - Rear View
Figure 3. Continued.



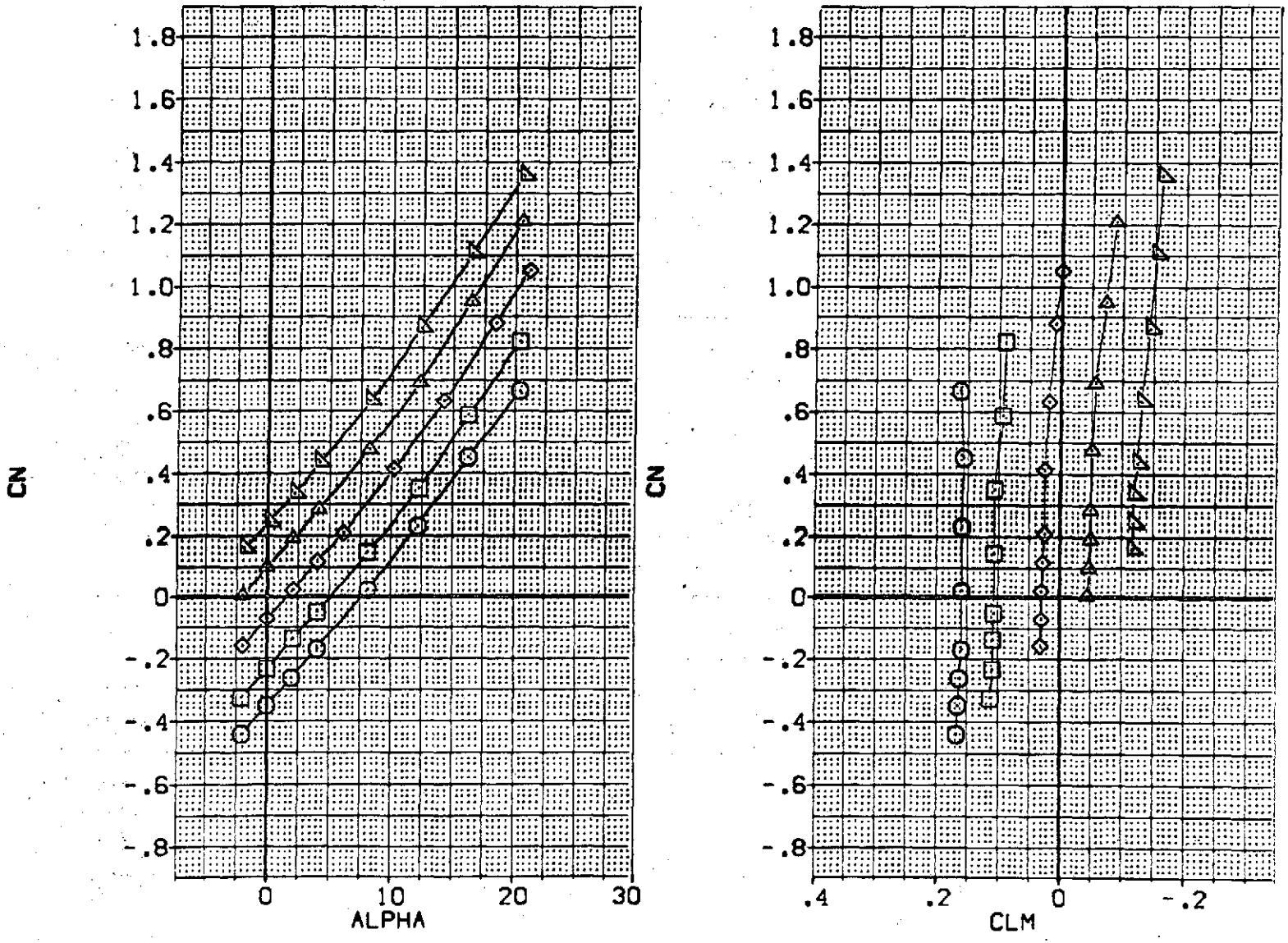
c). Top View, Close-up of Elevon Panels

Figure 3. Concluded.

DATA FIGURES

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	



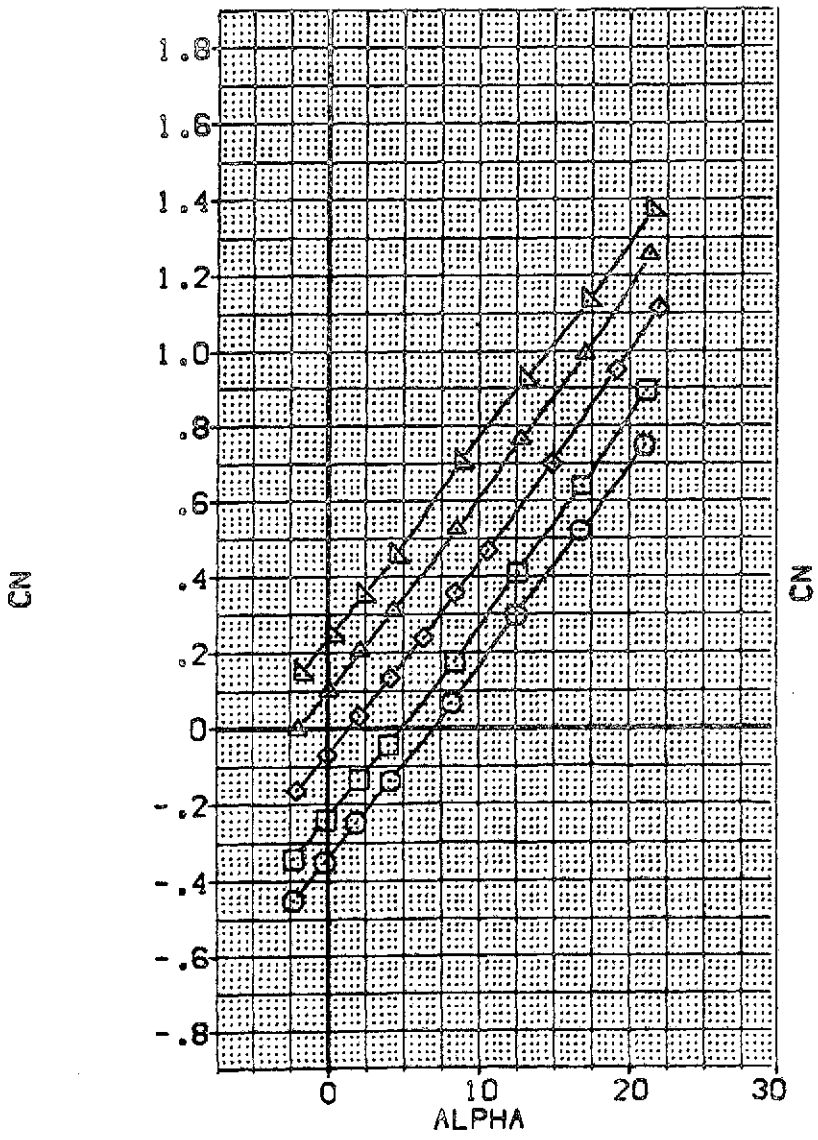
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

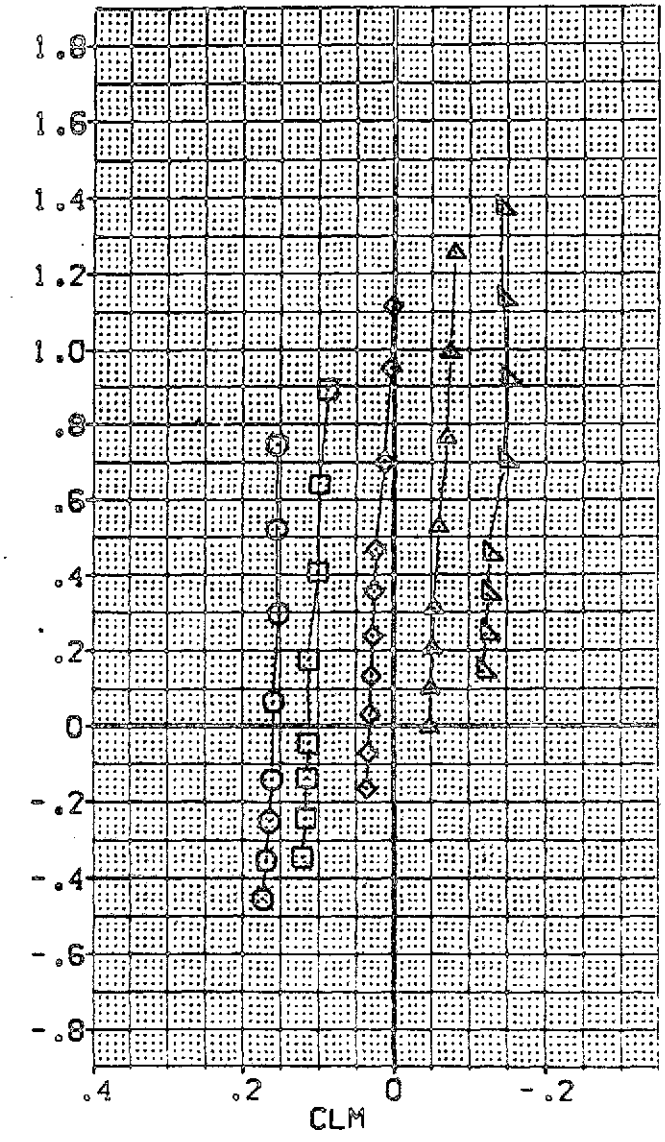
(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU016)	○	LARC8-686(0A-116) (D26C9X6M1(N20)(V)(E40)(V6R3)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (D26C9F6M1(N20)(V)(E40)(V6R3)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (D26C9F6M1(N20)(V)(E40)(V6R3)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (D26C9F6M1(N20)(V)(E40)(V6R3)	10.000	10.000	10.000	10.000
(DHU018)	◺	LARC8-686(0A-116) (D26C9F6M1(N20)(V)(E40)(V6R3)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

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BREF	956.6917	INCHES
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YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
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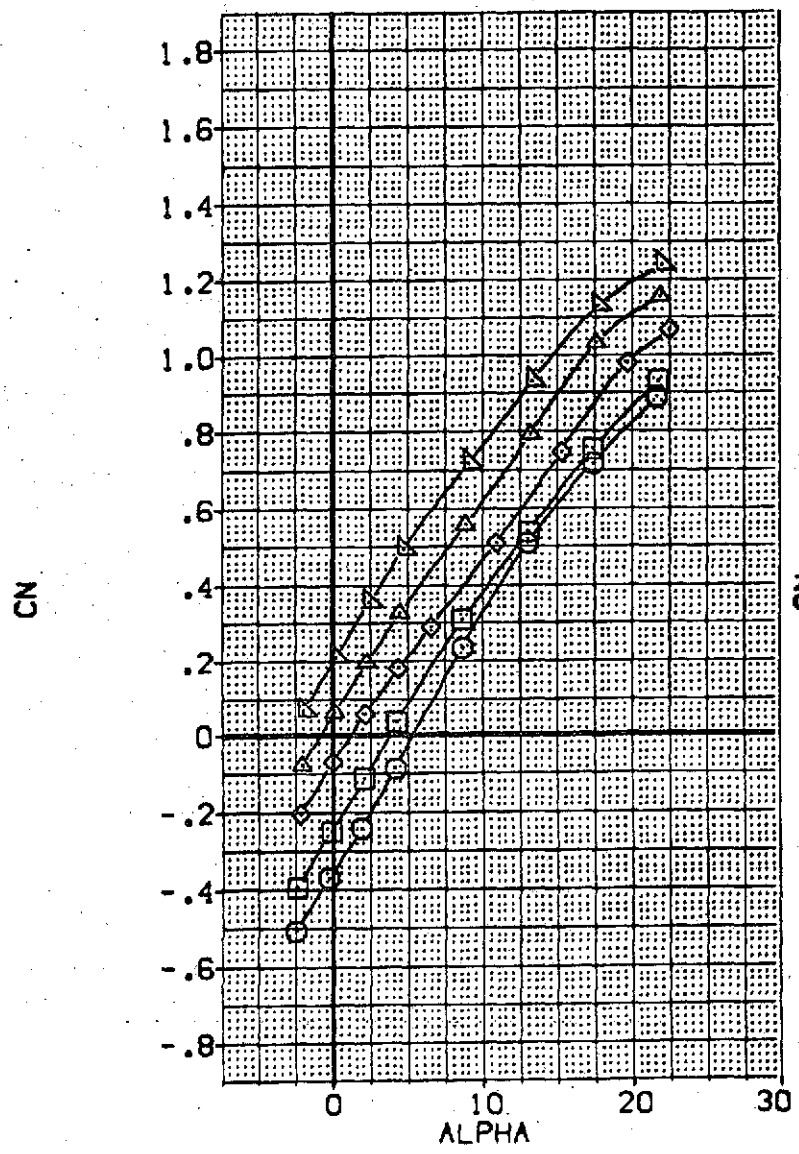


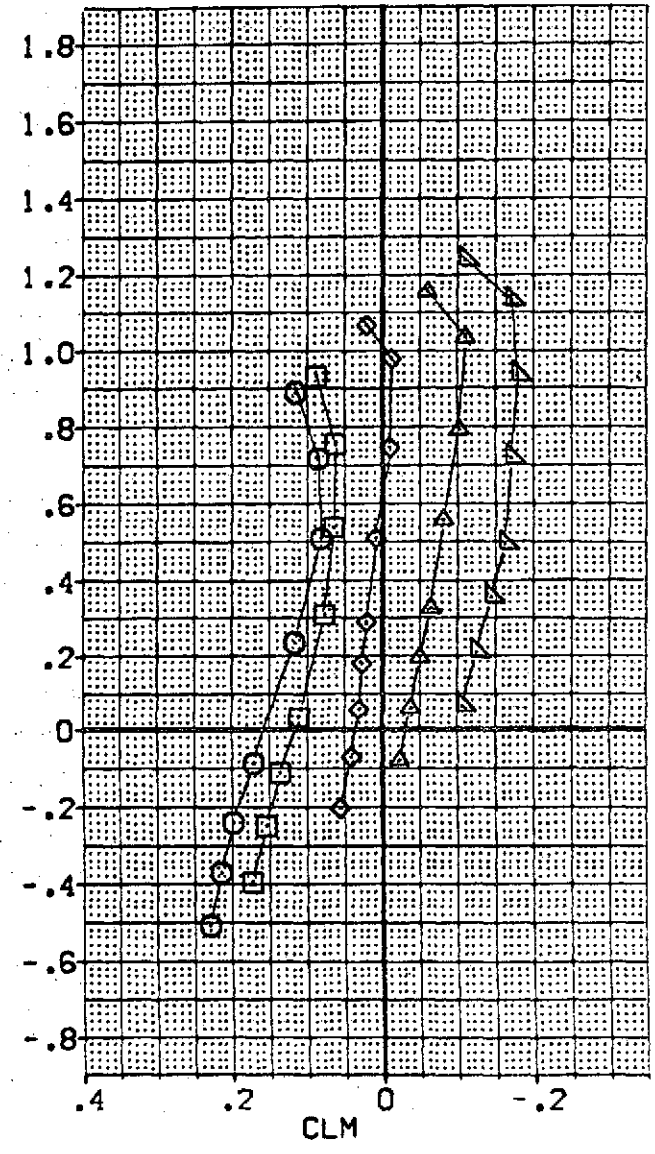
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	○	LARC8-686(0A-116) (B26C9FBM16N28)(W16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (B26C9FBM16N28)(W16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (B26C9FBM16N28)(W16E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (B26C9FBM16N28)(W16E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	◁	LARC8-686(0A-116) (B26C9FBM16N28)(W16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
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BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



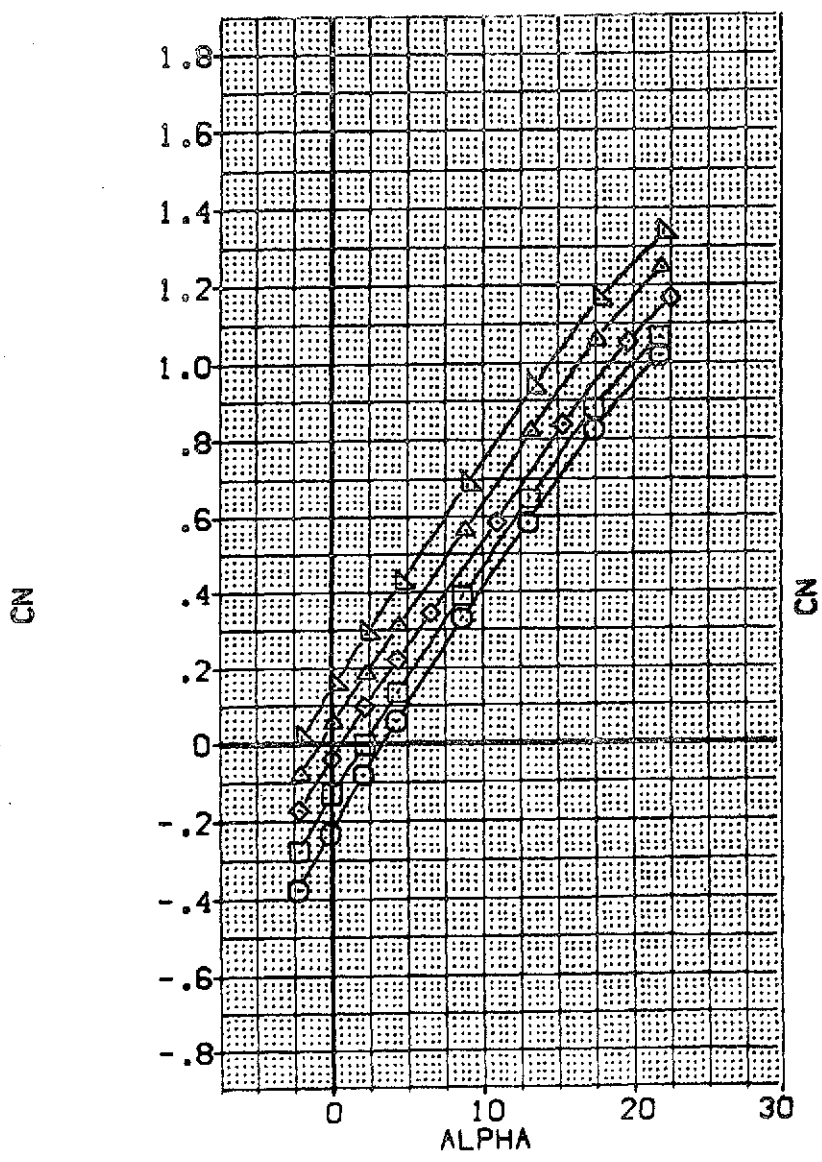


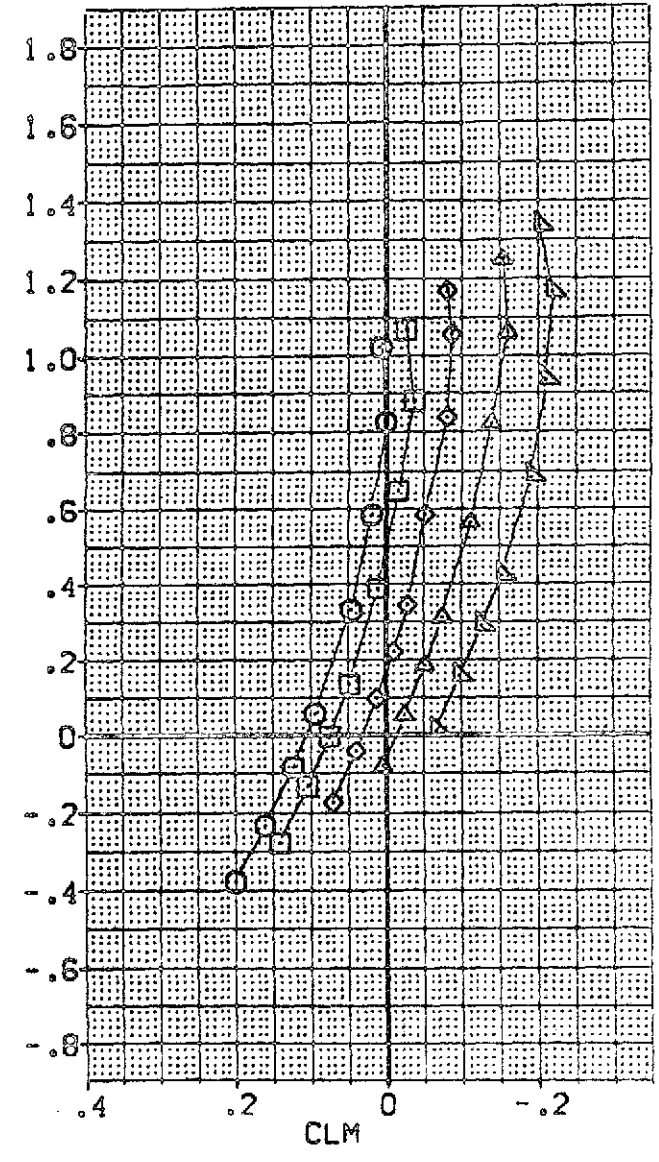
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DXU018)	LARC8-696(DA-116) (B26C9F6M1GN30)(V1)(GE43)(VCR3)	-20.000	-20.000	-20.000	-20.000
(DXU017)	LARC8-696(DA-116) (B26C9F6M1GN20)(V1)(GE43)(VCR3)	-10.000	-10.000	-10.000	-10.000
(DXU001)	LARC8-696(DA-116) (B26C9F6M1GN20)(V1)(GE43)(VCR3)	.000	.000	.000	.000
(DXU015)	LARC8-696(DA-116) (B26C9F6M1GN20)(V1)(GE43)(VCR3)	10.000	10.000	10.000	10.000
(DXU016)	LARC8-696(DA-116) (B26C9F6M1GN20)(V1)(GE43)(VCR3)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



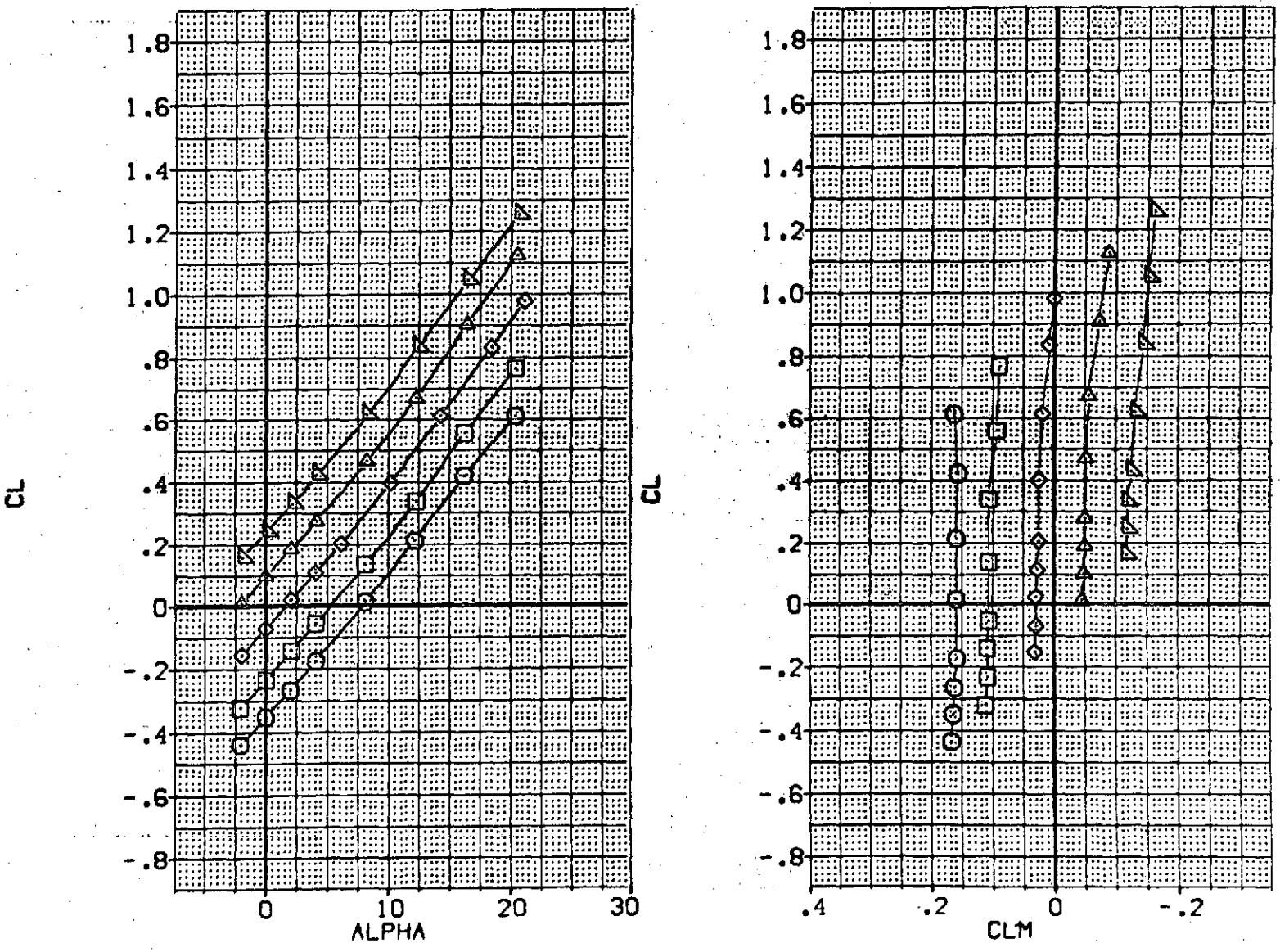


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	□	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	⋈	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	◺	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
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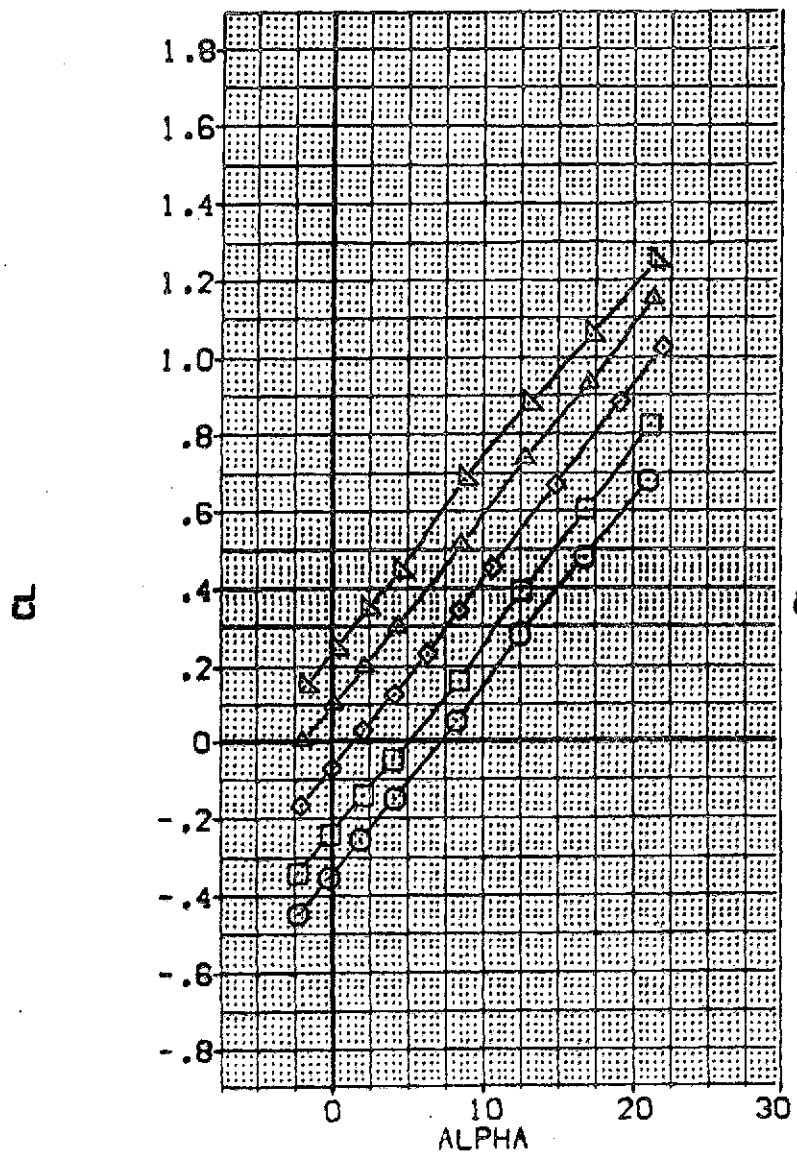


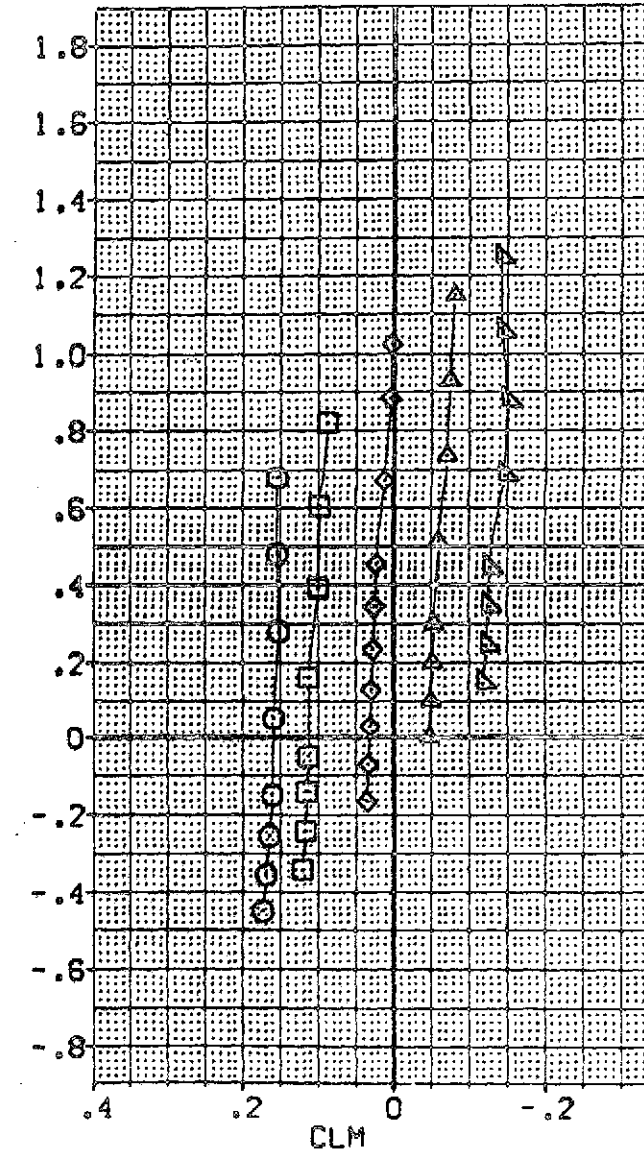
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F6M16N20)(V)(GE40)(VGR5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F6M16N20)(V)(GE40)(VGR5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F6M16N20)(V)(GE40)(VGR5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F6M16N20)(V)(GE40)(VGR5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F6M16N20)(V)(GE40)(VGR5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.9117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6900	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



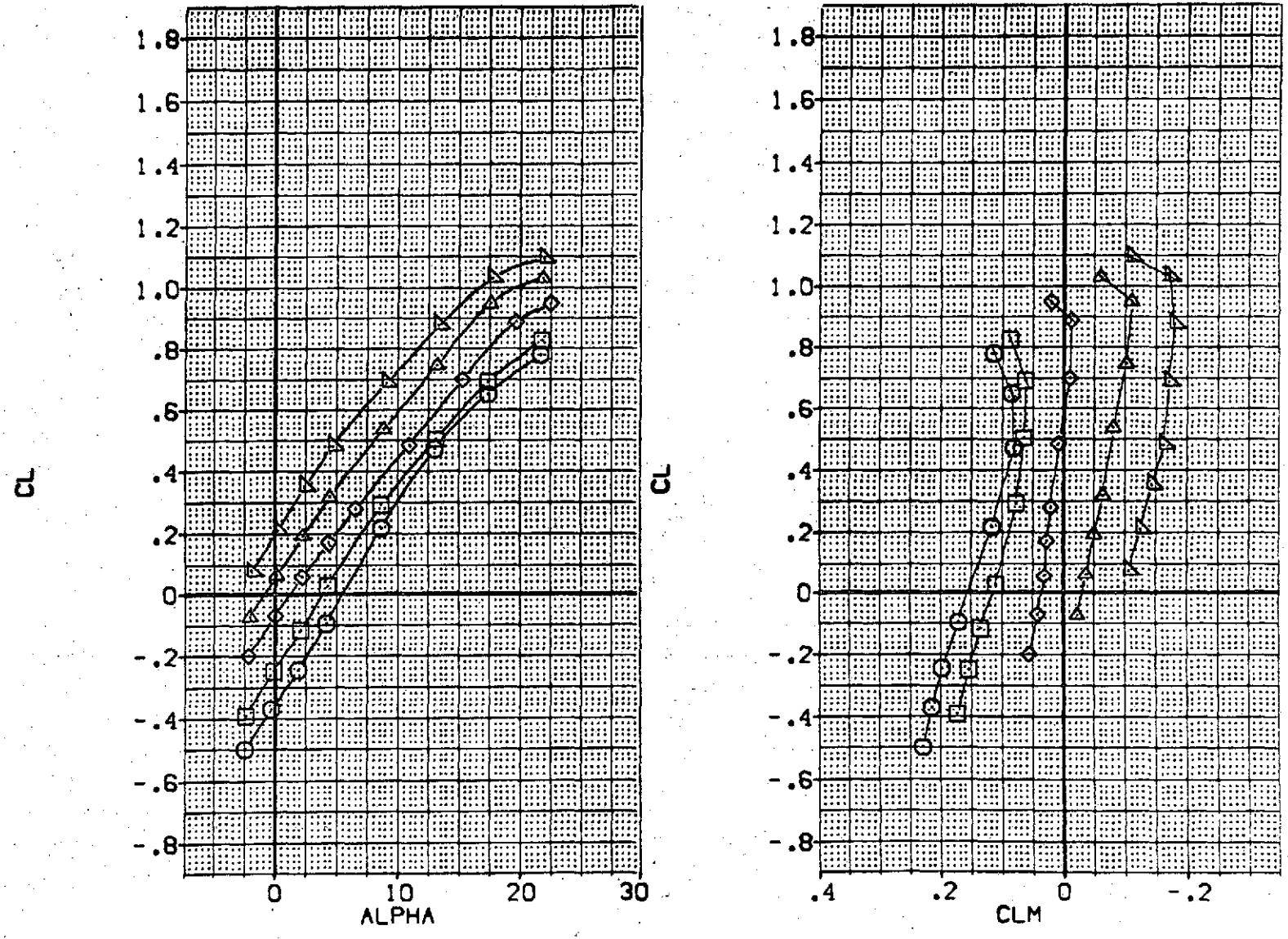


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-L1	ELV-RI	ELV-RO
(DHU018)	□	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



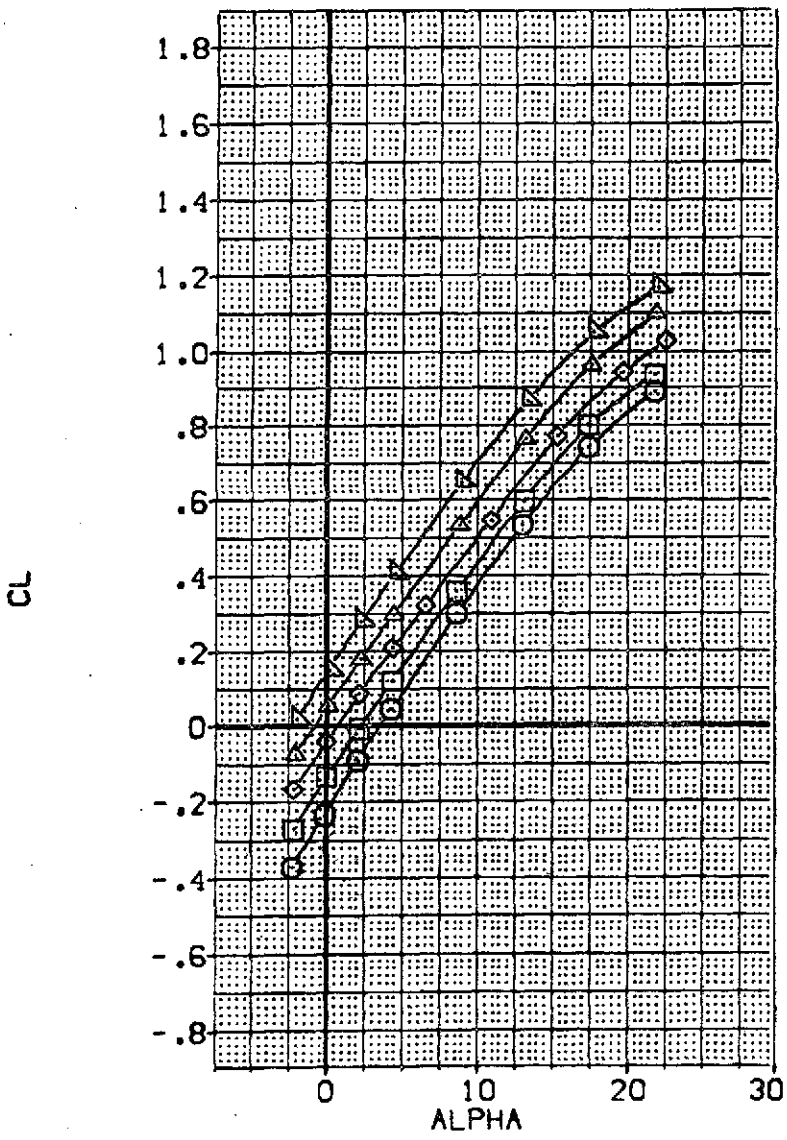
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

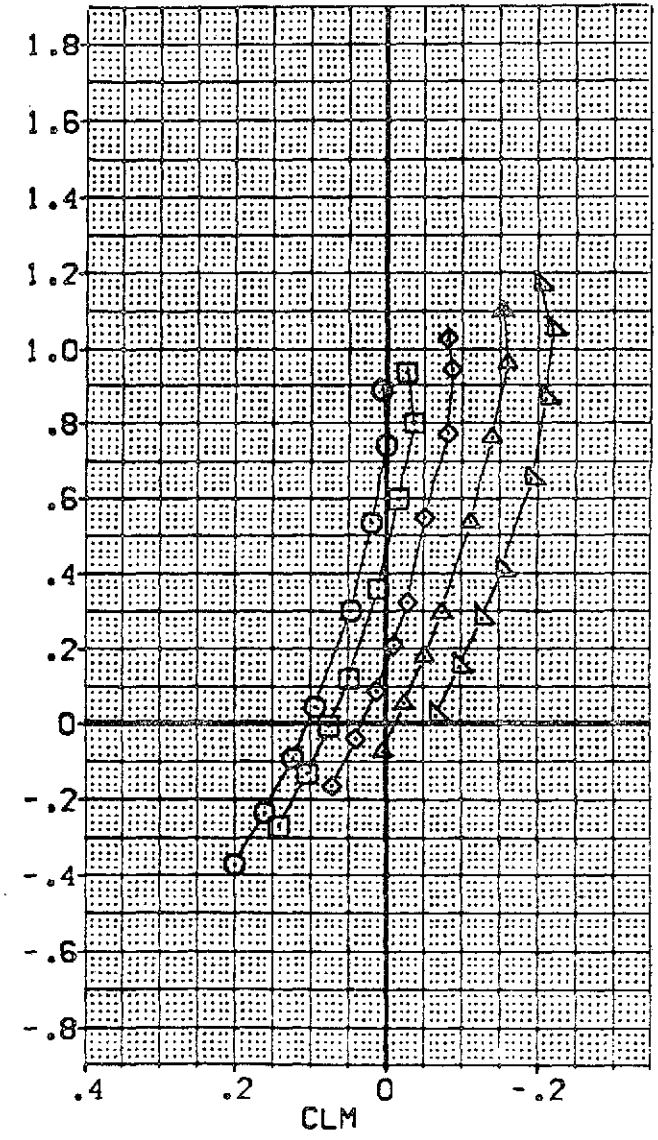
(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(8E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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ZMRP	375.0000	IN. ZG
SCALE	.0150	



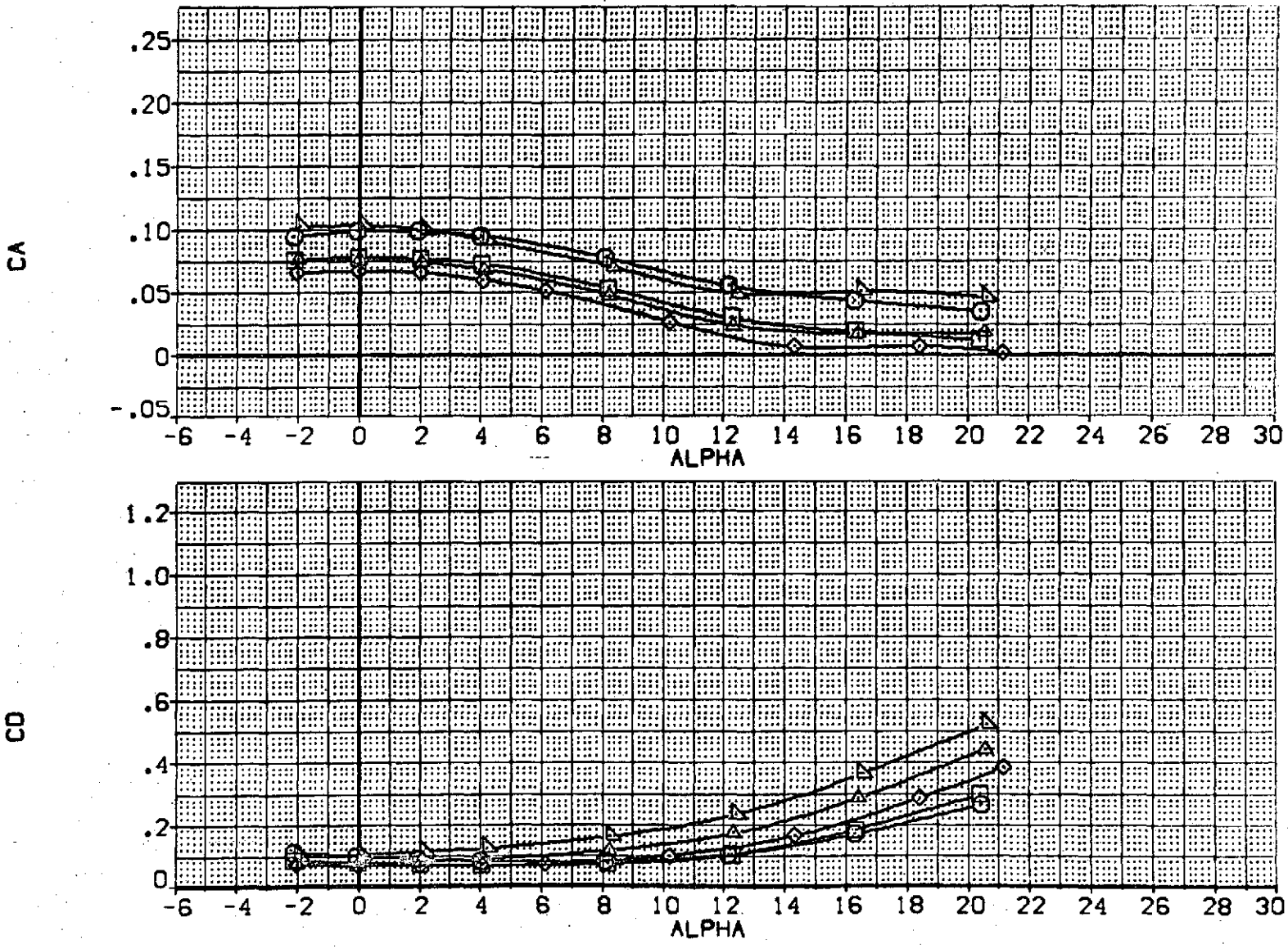


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	○	LARC8-686(0A-118) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	938.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

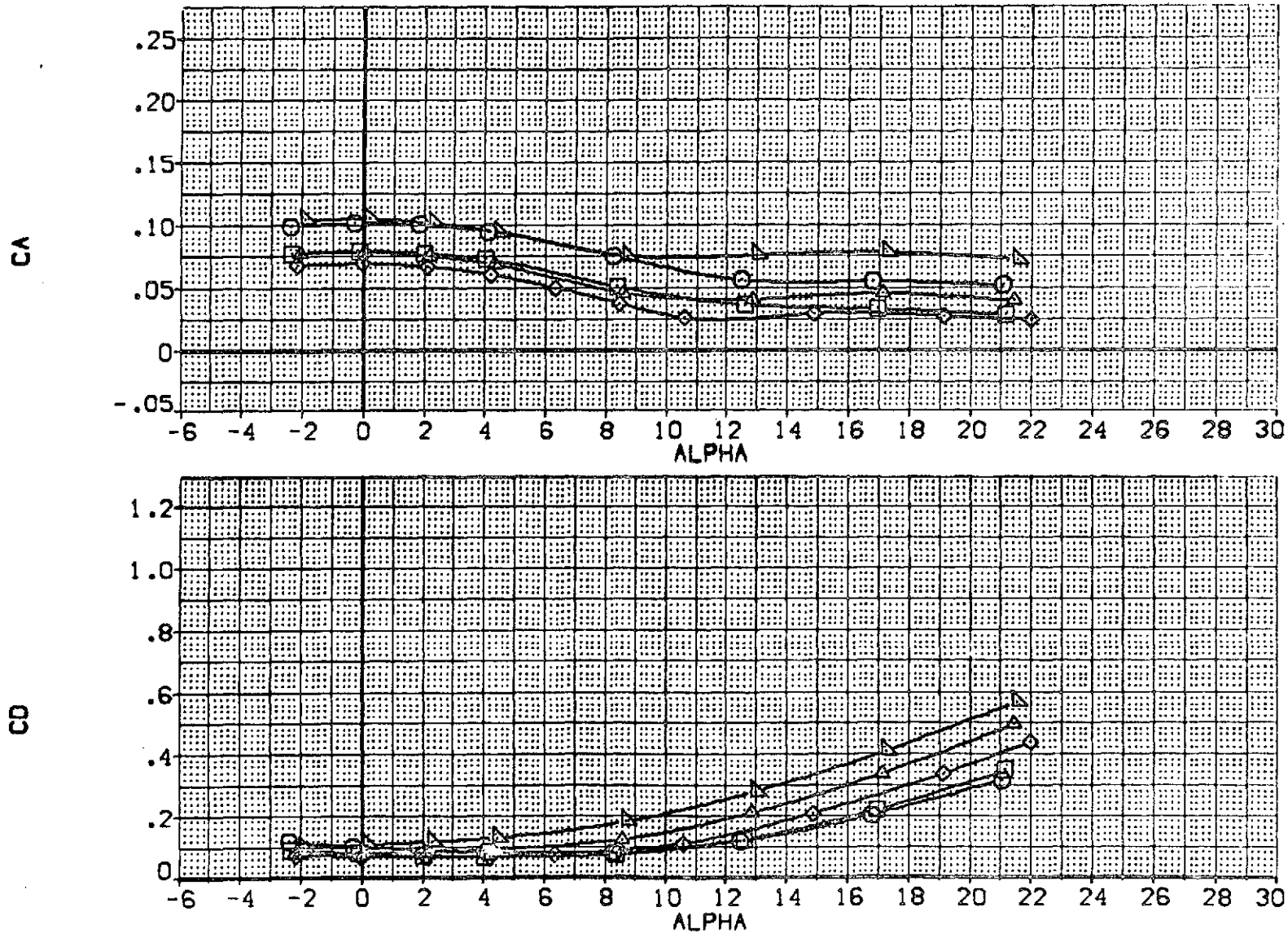


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

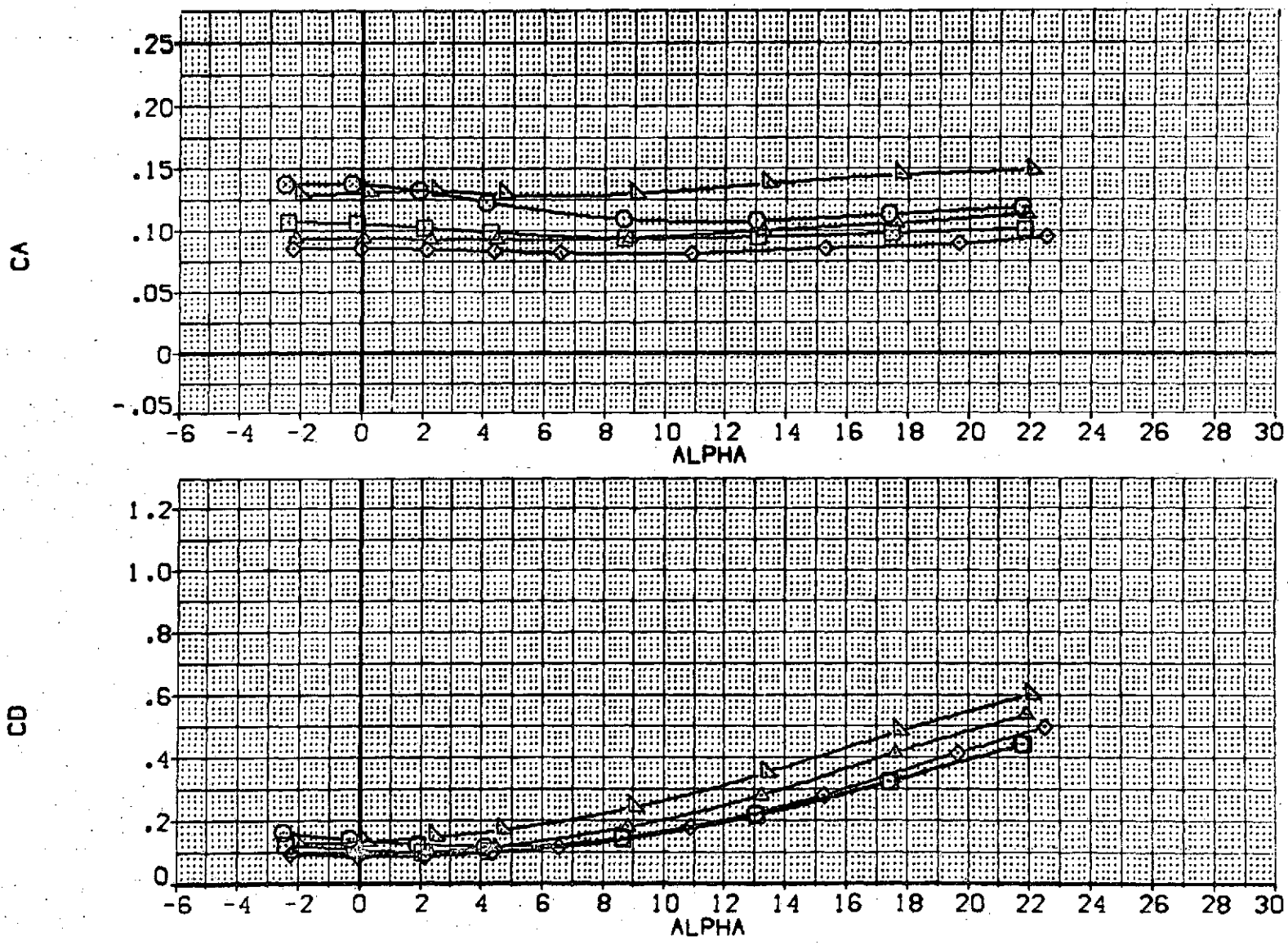


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	⋈	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



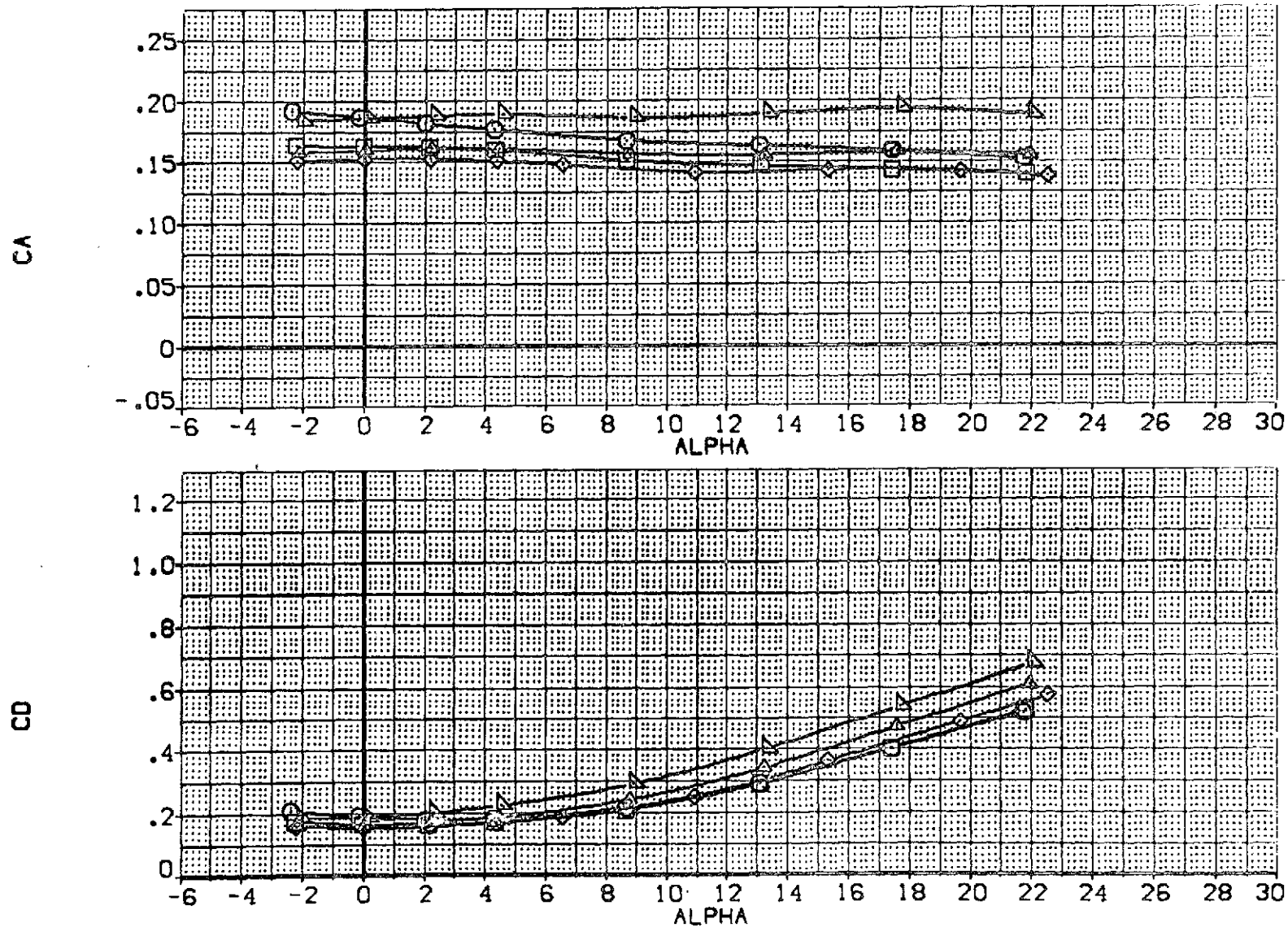
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V6R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
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BREF	936.6817	INCHES
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YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

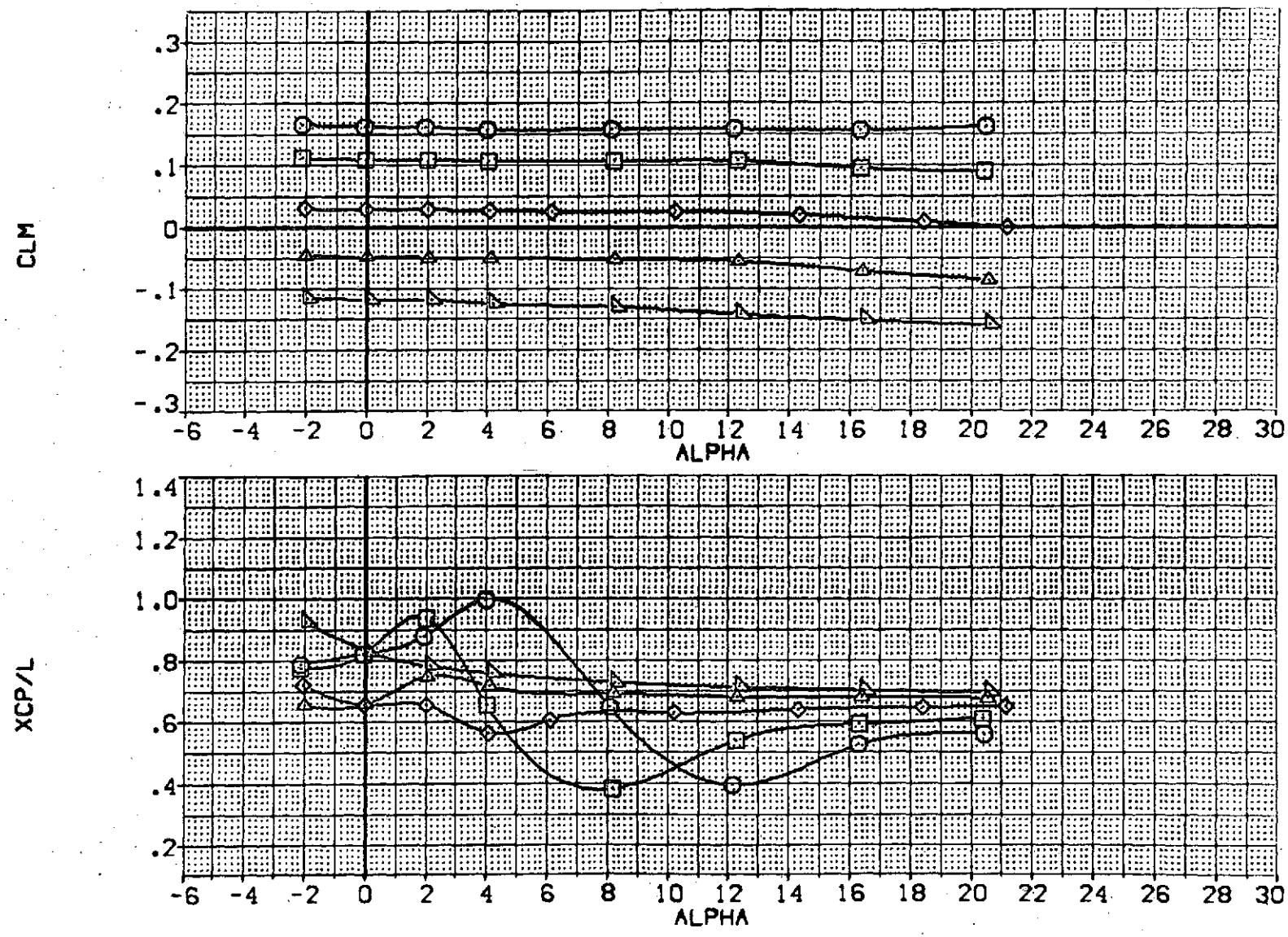


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	.000	.000	.000	.000
(DHU015)	⋈	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

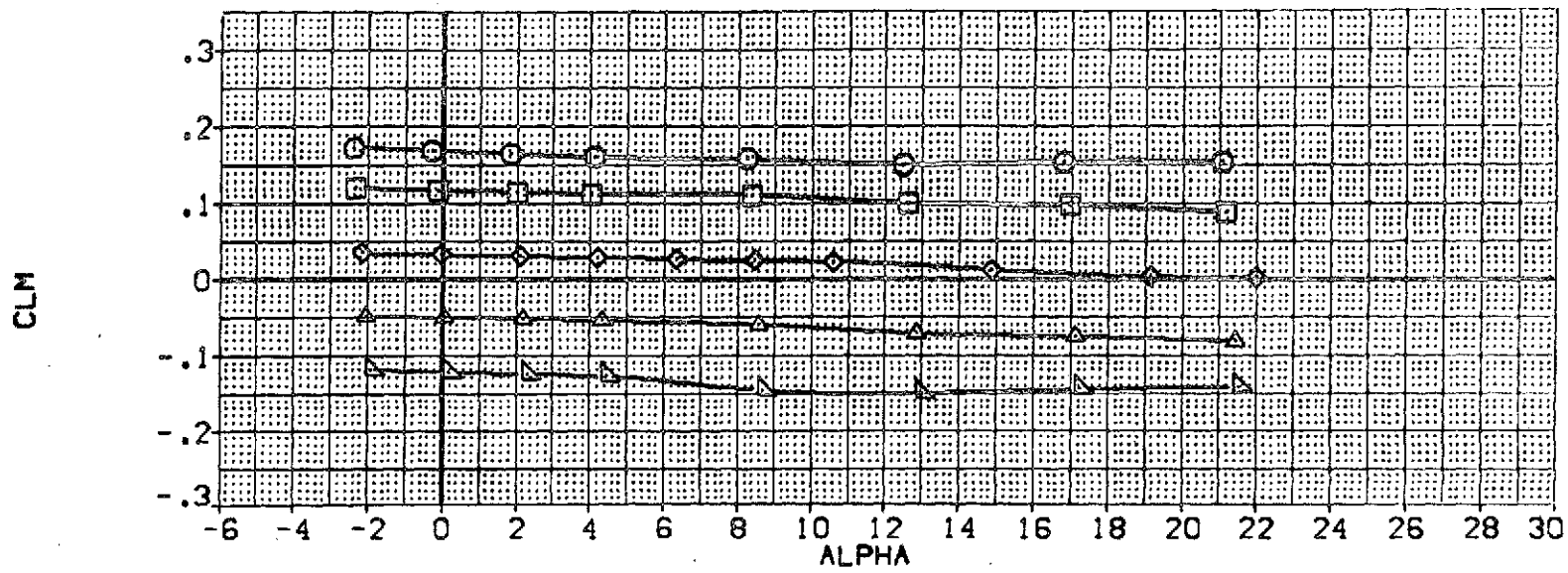


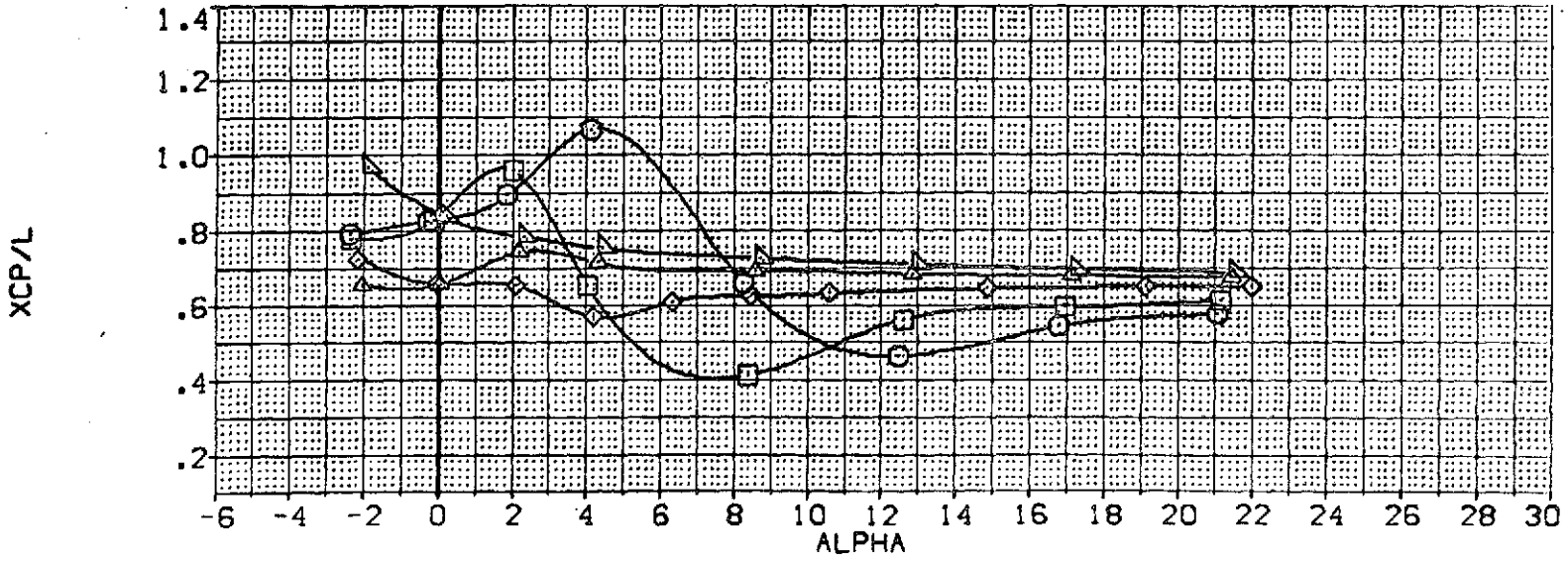
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



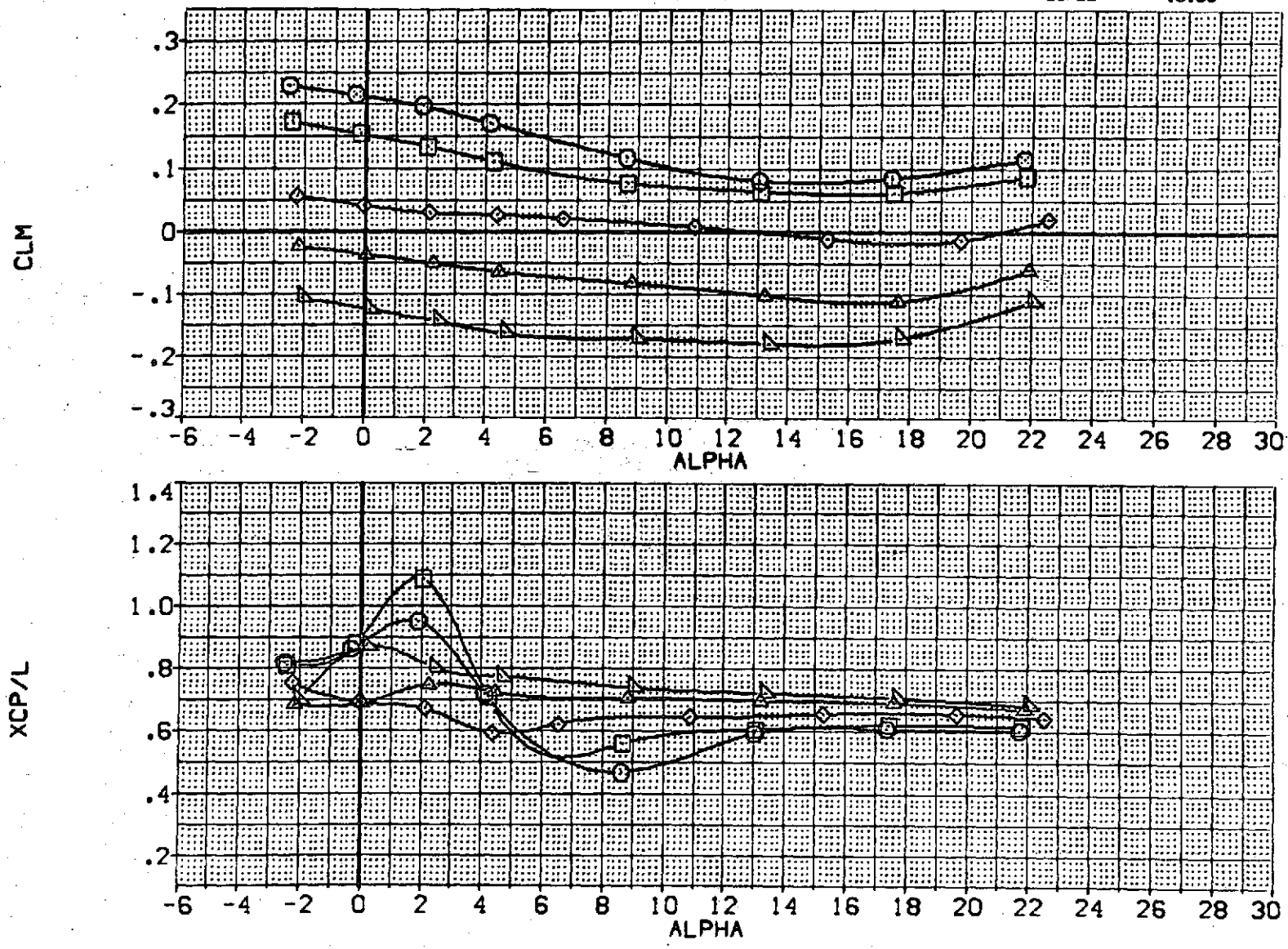


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	○	LARC8-686(0A-116)(B26C9F8M16N28)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116)(B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116)(B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116)(B26C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116)(B26C9F8M16N28)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

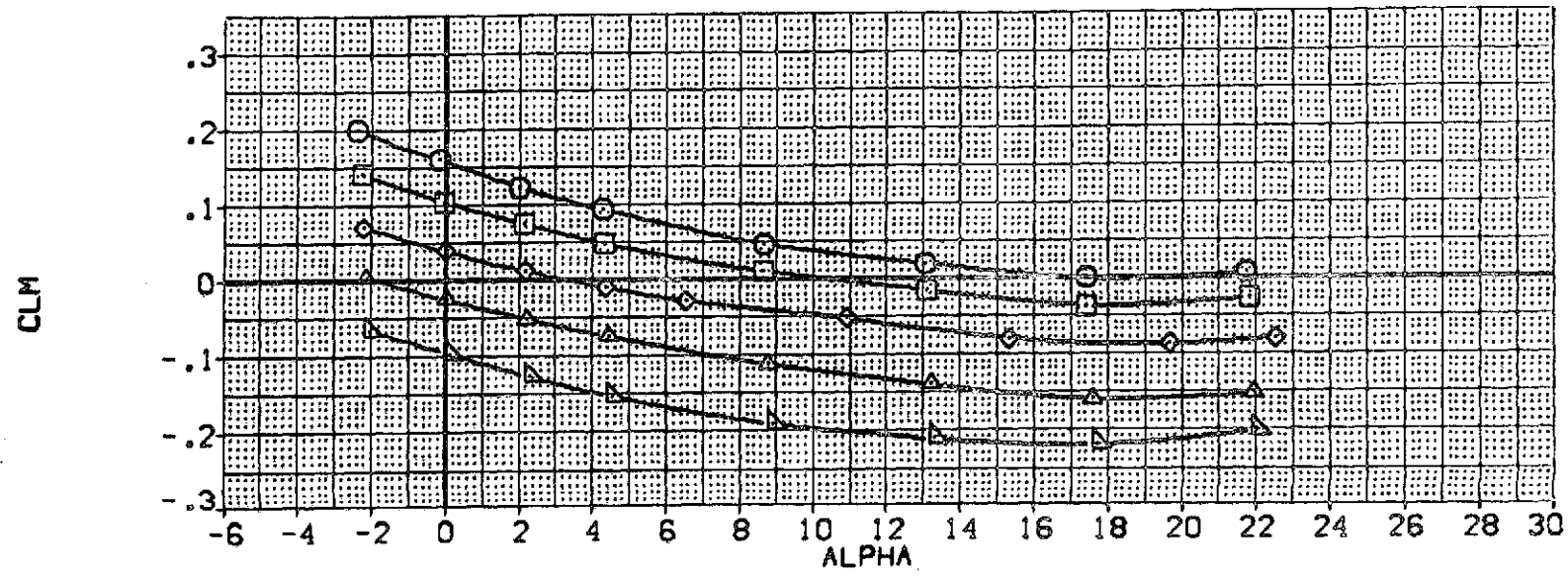


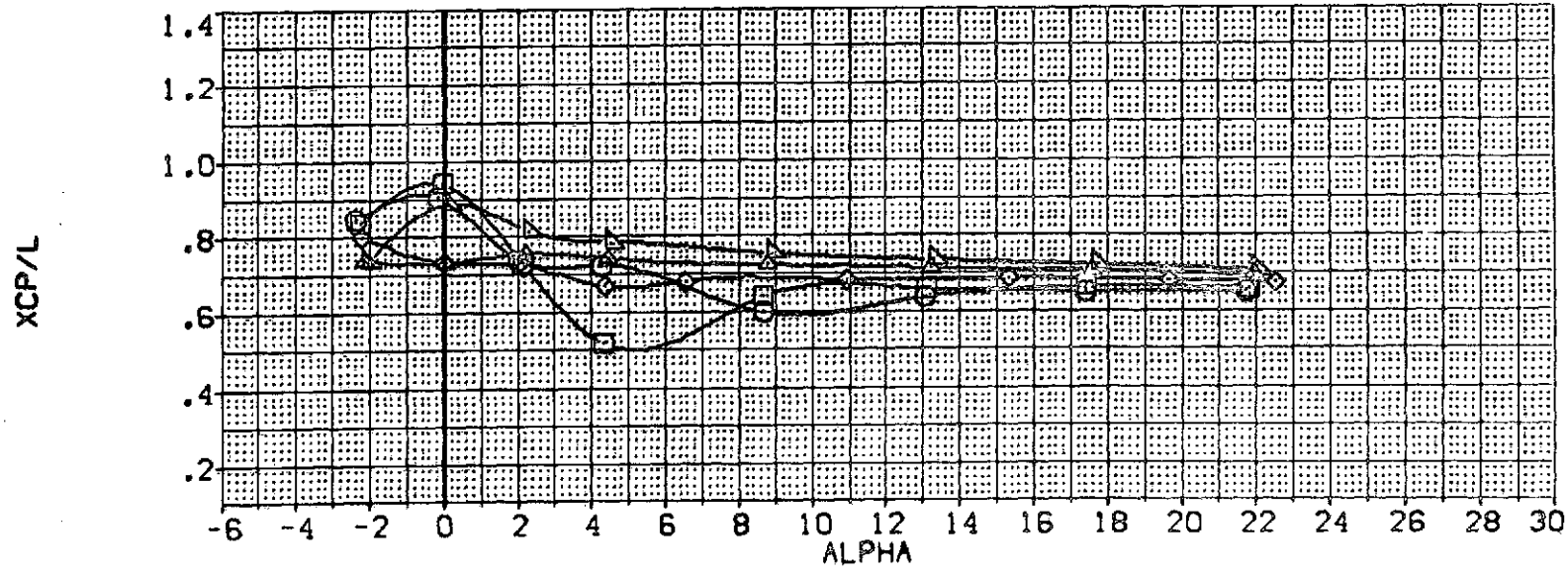
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



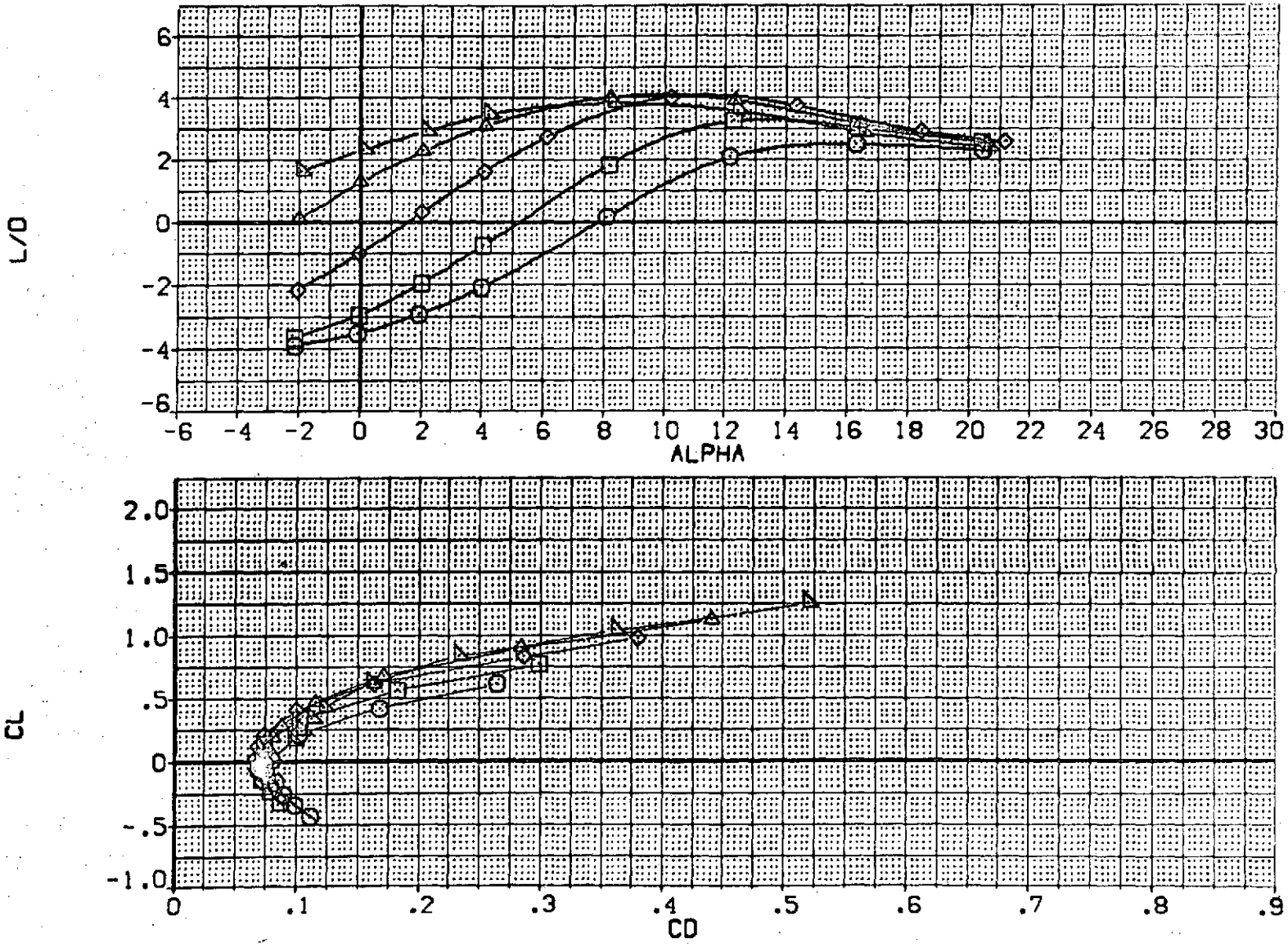


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU015)	△	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	▽	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



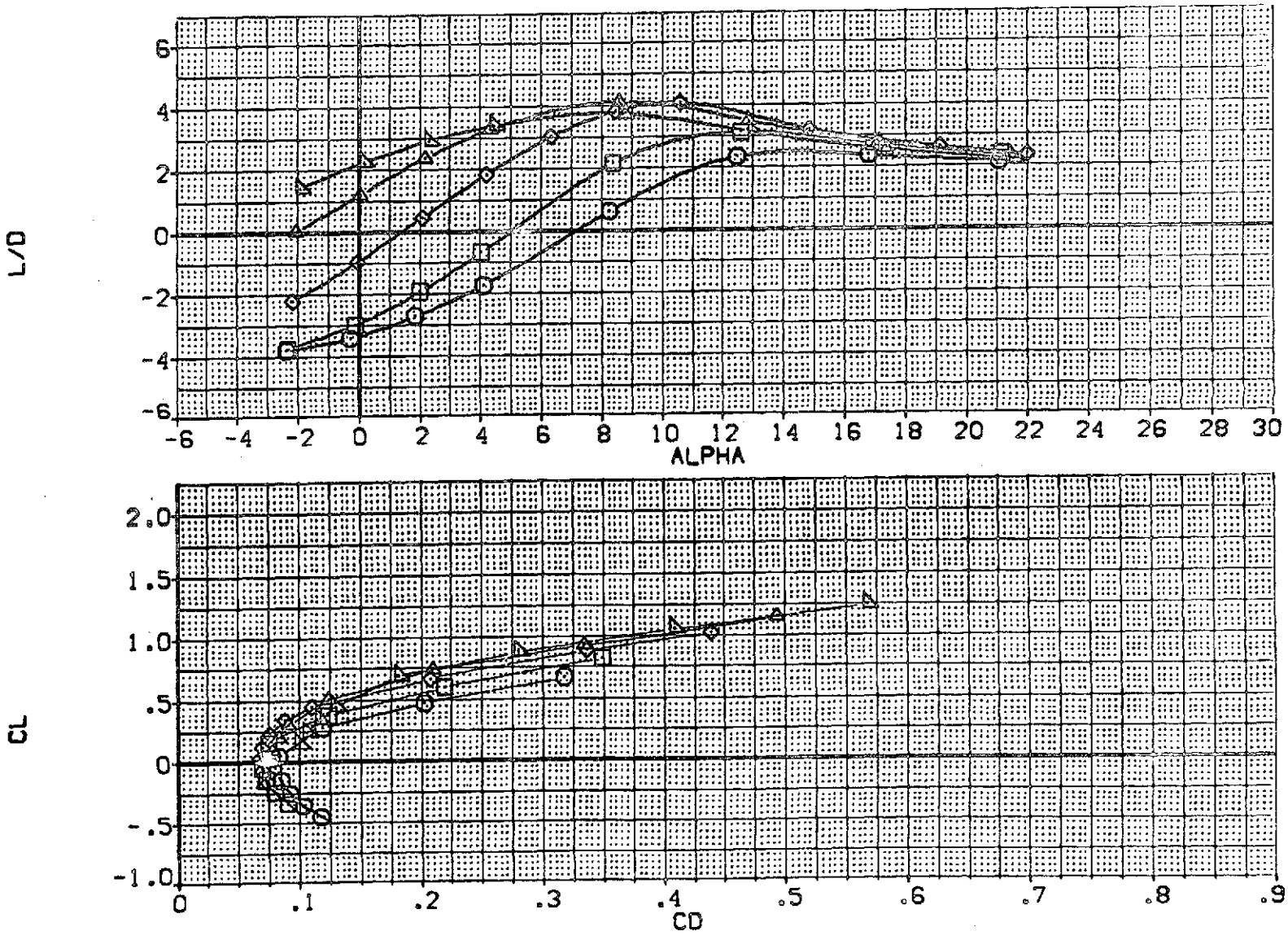
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F0M16N20)(V)(GE43)(V0R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F0M16N20)(V)(GE43)(V0R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F0M16N20)(V)(GE43)(V0R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F0M16N20)(V)(GE43)(V0R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F0M16N20)(V)(GE43)(V0R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	975.0000	IN. ZO
SCALE	.0150	

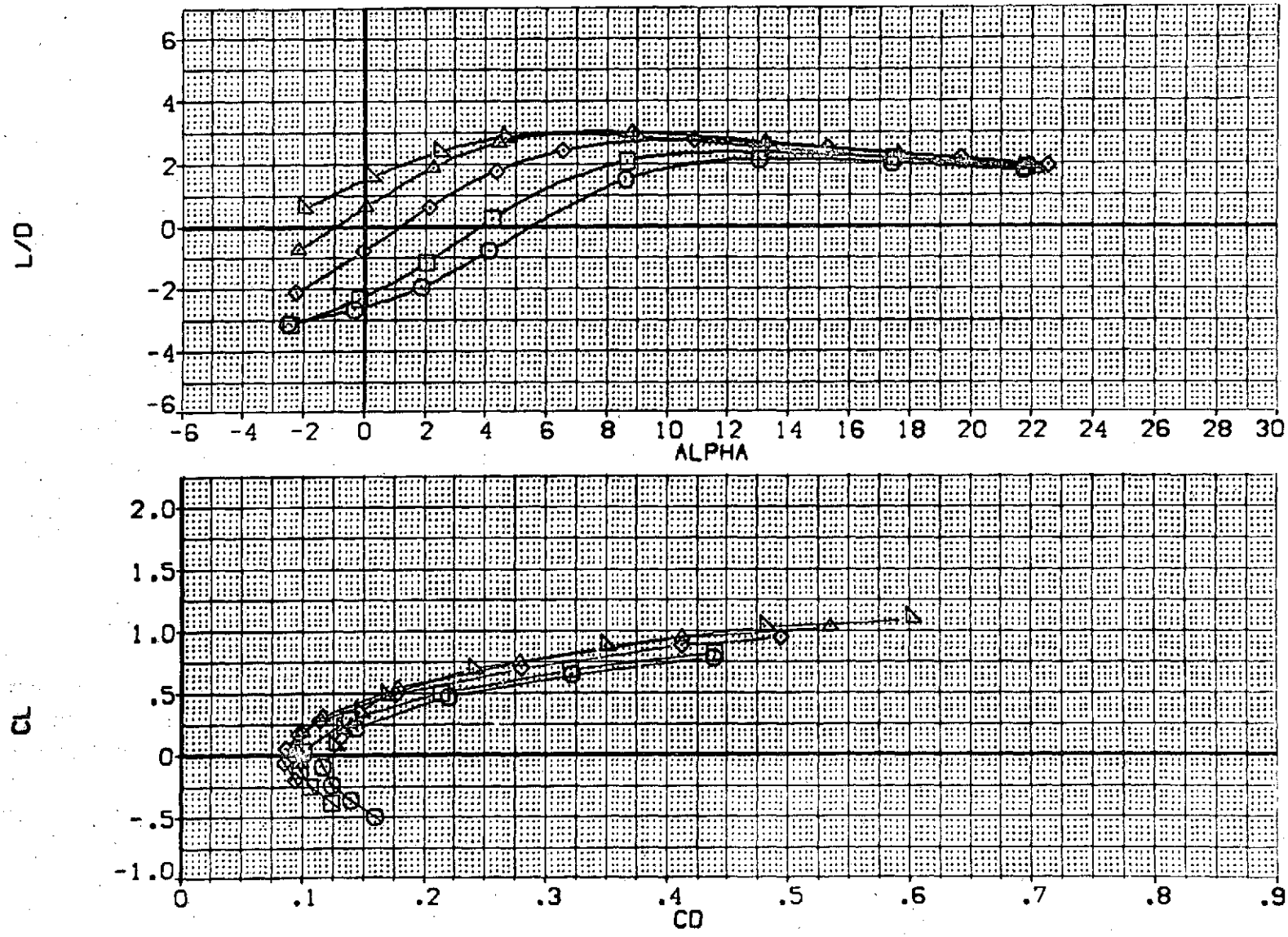


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU015)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN, XC
YMRP	.0000	IN, YC
ZMRP	375.0000	IN, ZC
SCALE	.0150	

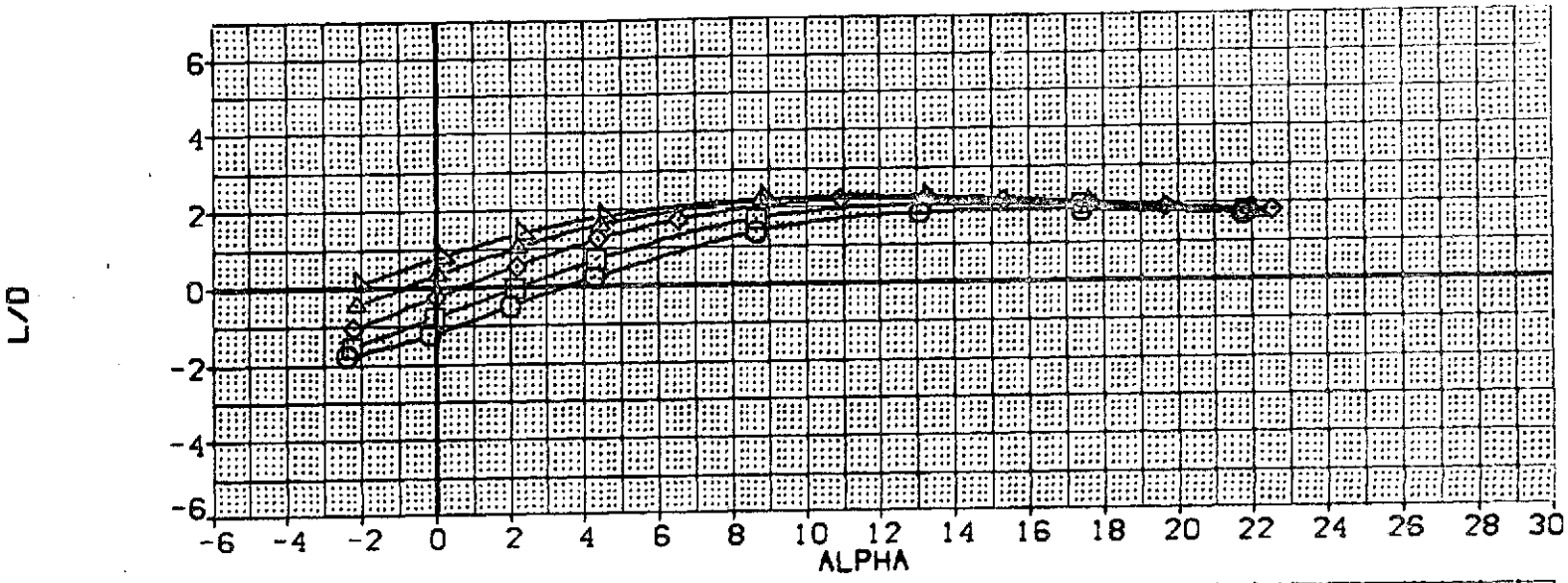


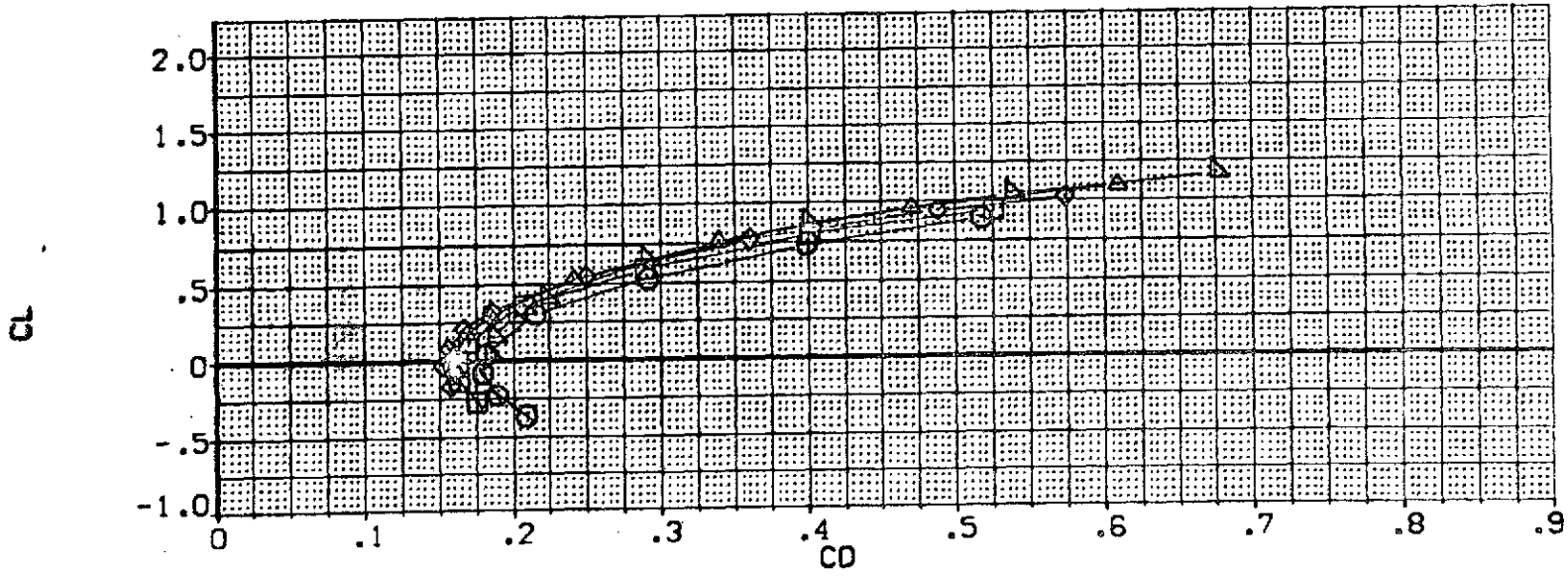
ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	.000	.000	.000
(DHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	10.000	10.000	10.000	10.000
(DHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



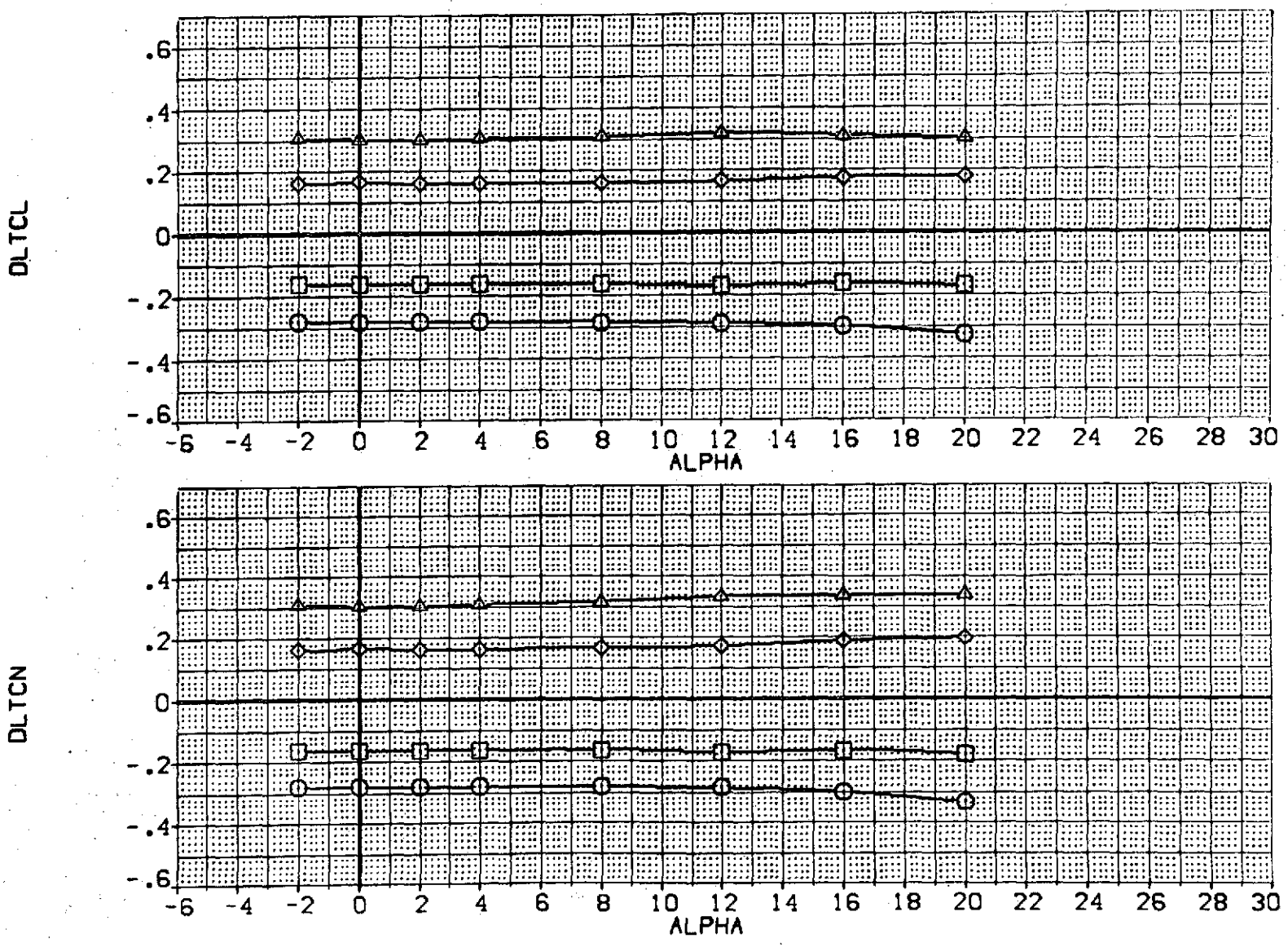


ELEVON EFFECTIVENESS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018) ○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(VBR5)	-20.000	-20.000	-20.000	-20.000
(EHU017) □	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(VBR5)	-10.000	-10.000	-10.000	-10.000
(EHU015) ◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(VBR5)	10.000	10.000	10.000	10.000
(EHU016) △	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(VBR5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



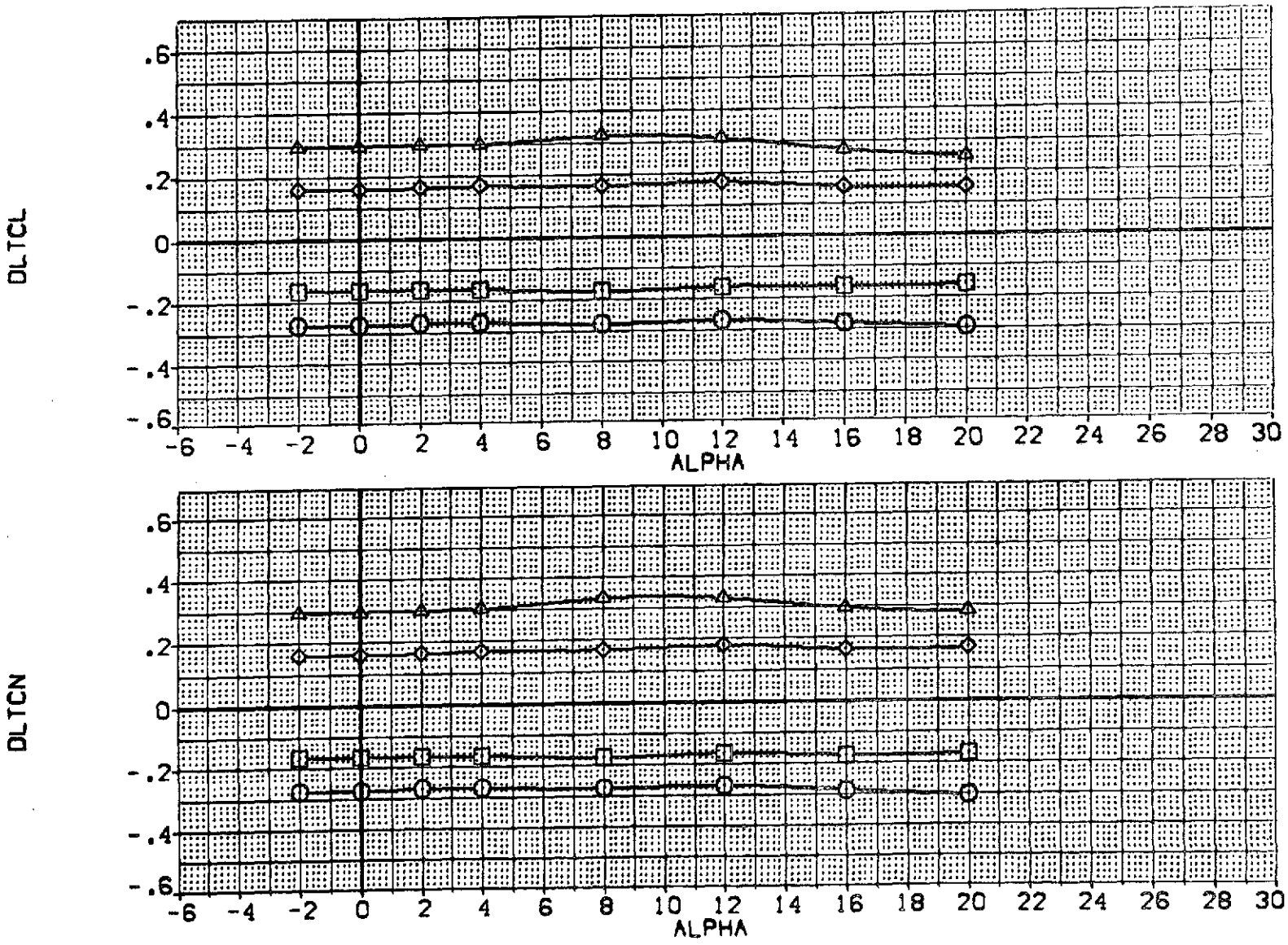
INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

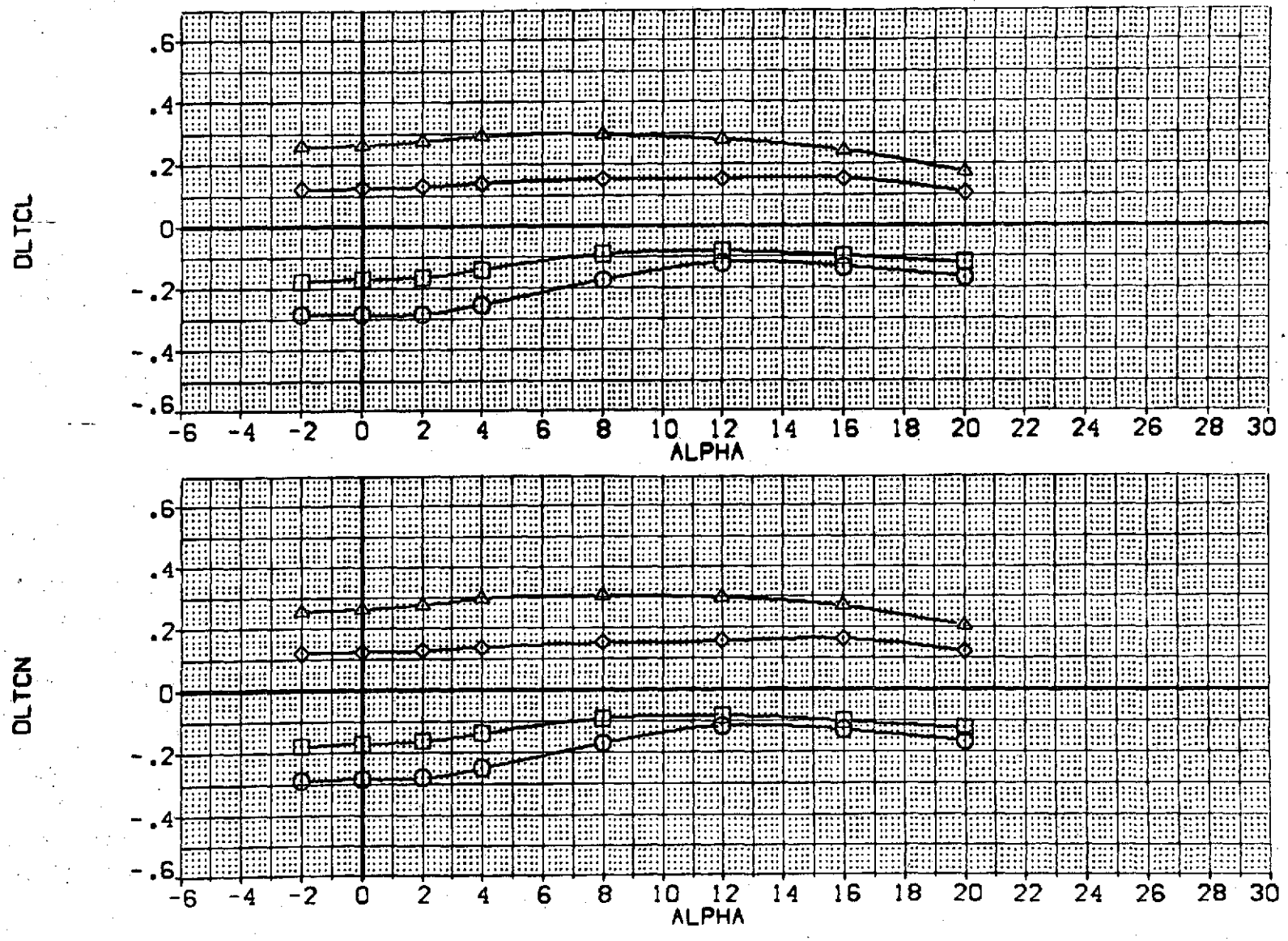


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	▣	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



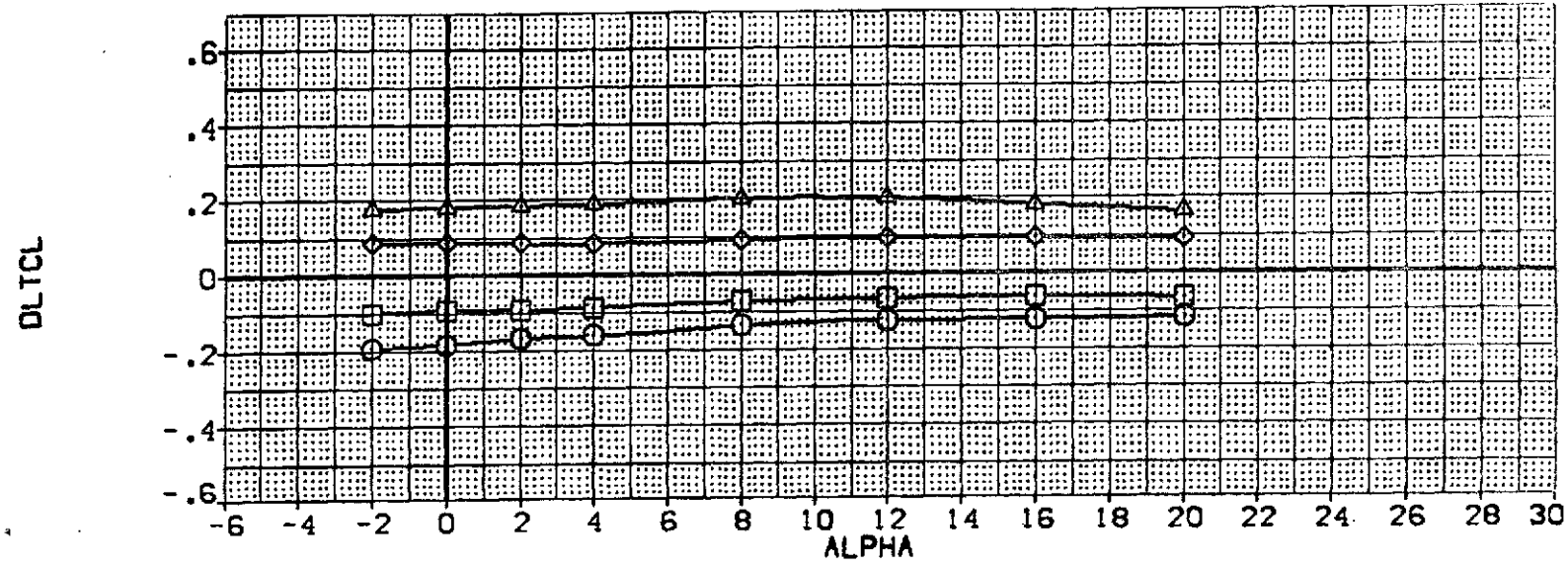
INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

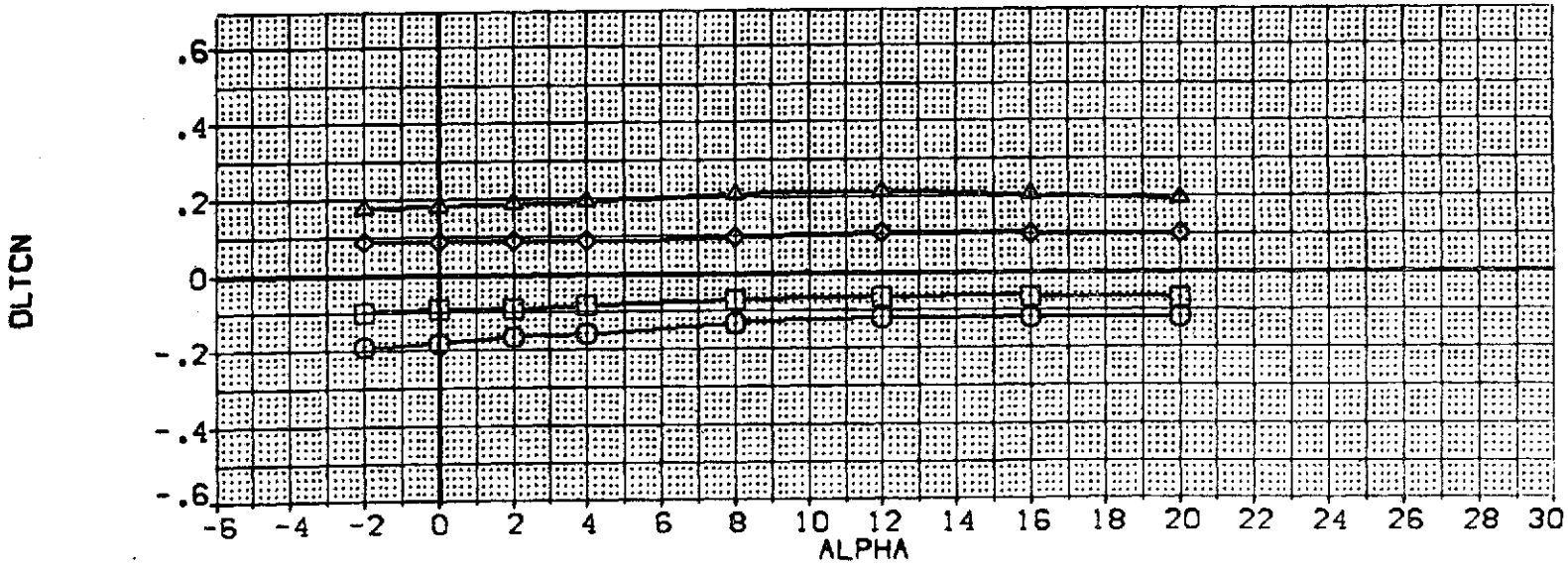
(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	⊠	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



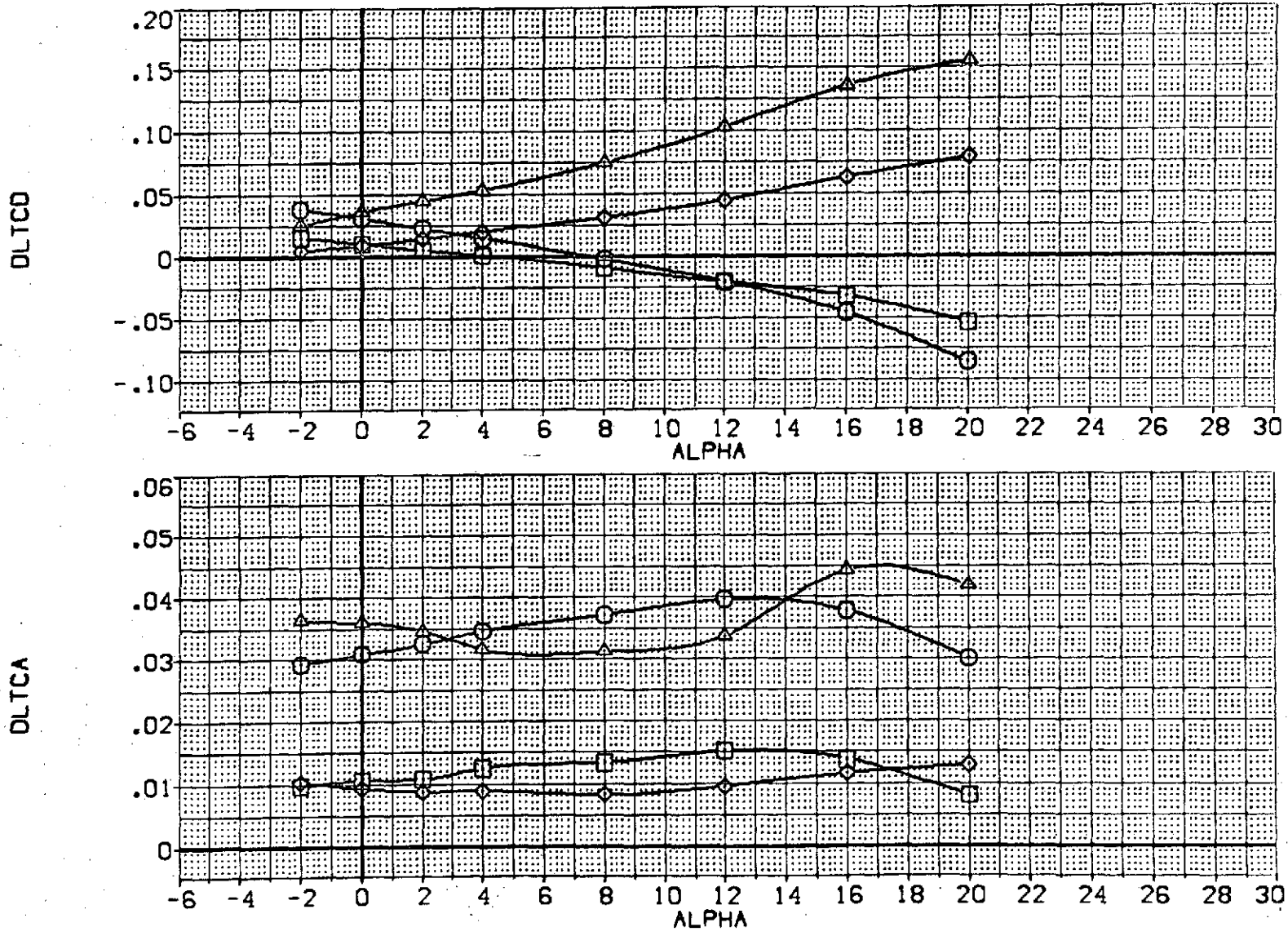


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(O)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

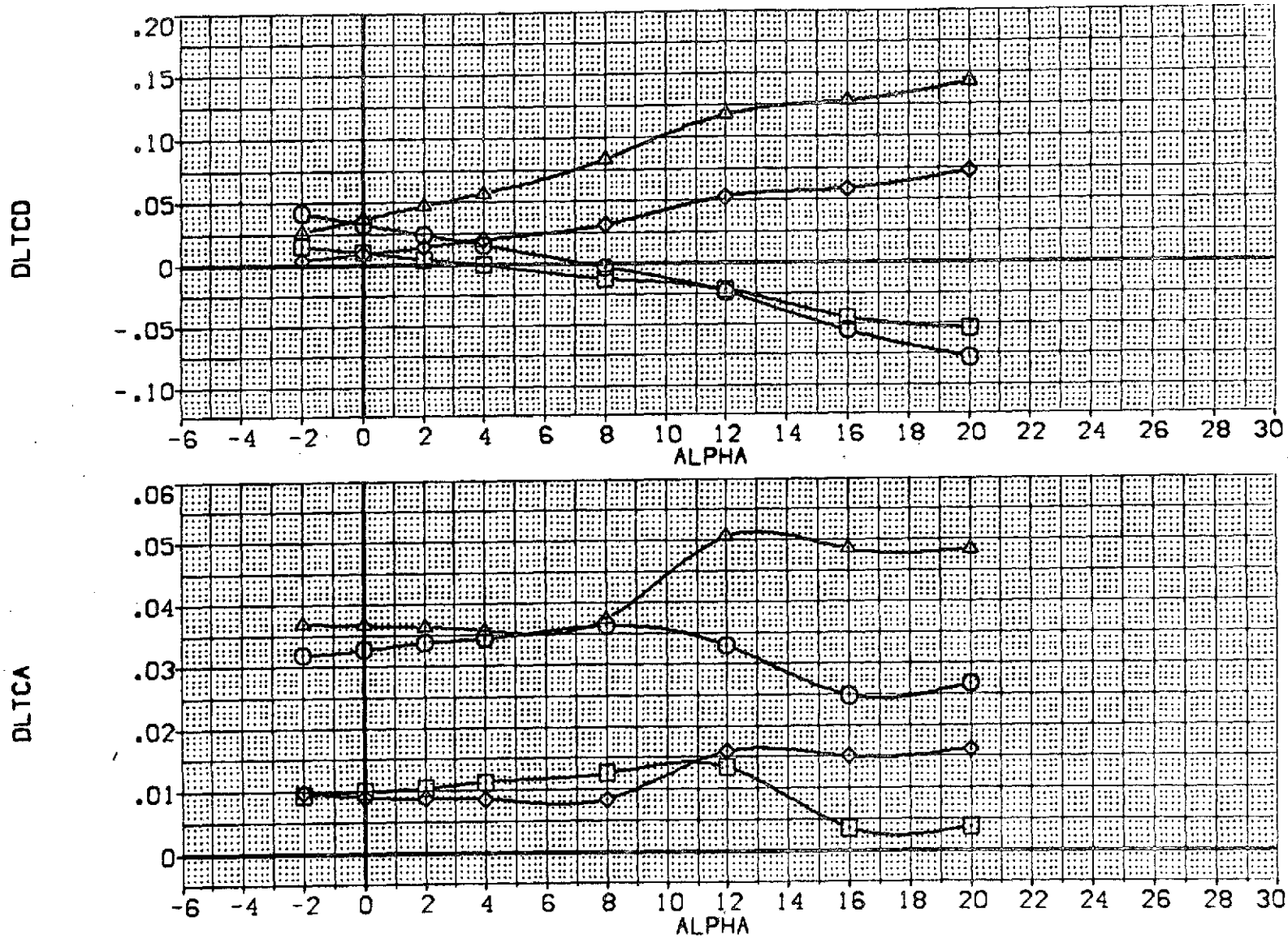


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EMJ018) ○	LARC8-686(0A-116) (B26C9F0M16N20)(V116E43)(V0R5)	-20.000	-20.000	-20.000	-20.000
(EMJ017) □	LARC8-686(0A-116) (B26C9F0M16N20)(V116E43)(V0R5)	-10.000	-10.000	-10.000	-10.000
(EMJ015) ◇	LARC8-686(0A-116) (B26C9F0M16N20)(V116E43)(V0R5)	10.000	10.000	10.000	10.000
(EMJ016) △	LARC8-686(0A-116) (B26C9F0M16N20)(V116E43)(V0R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

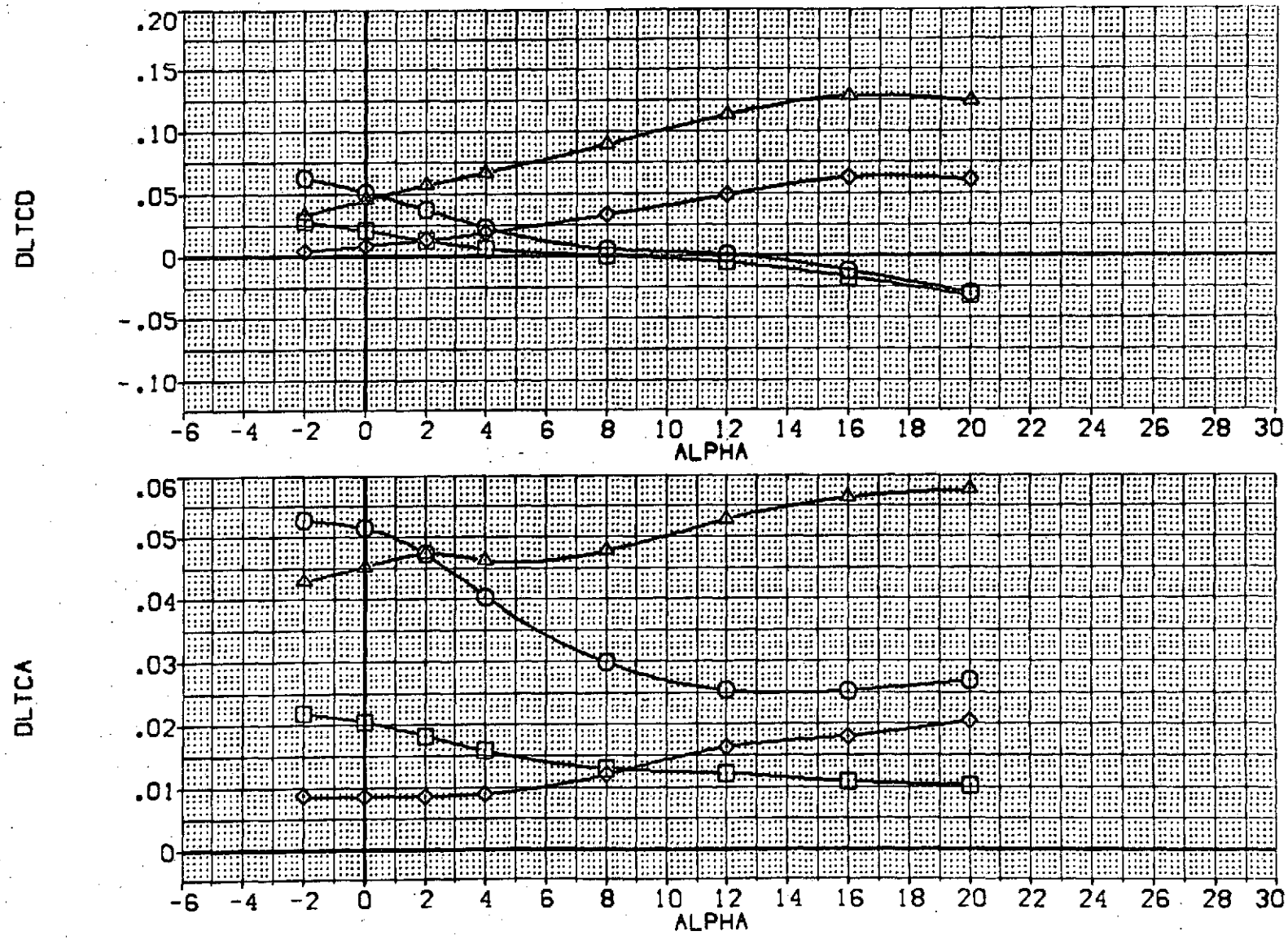


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	□	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



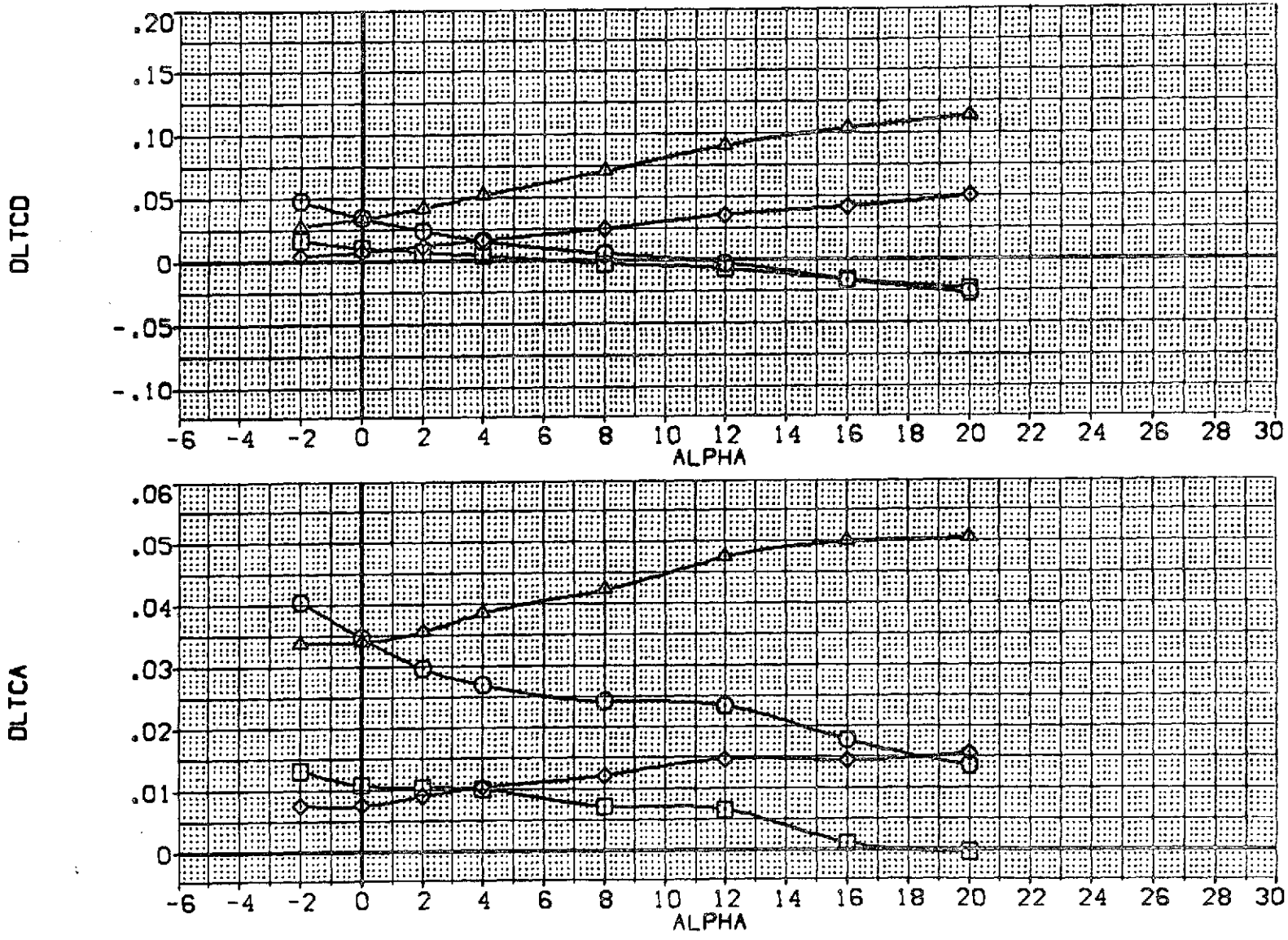
INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6917	INCHES
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YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

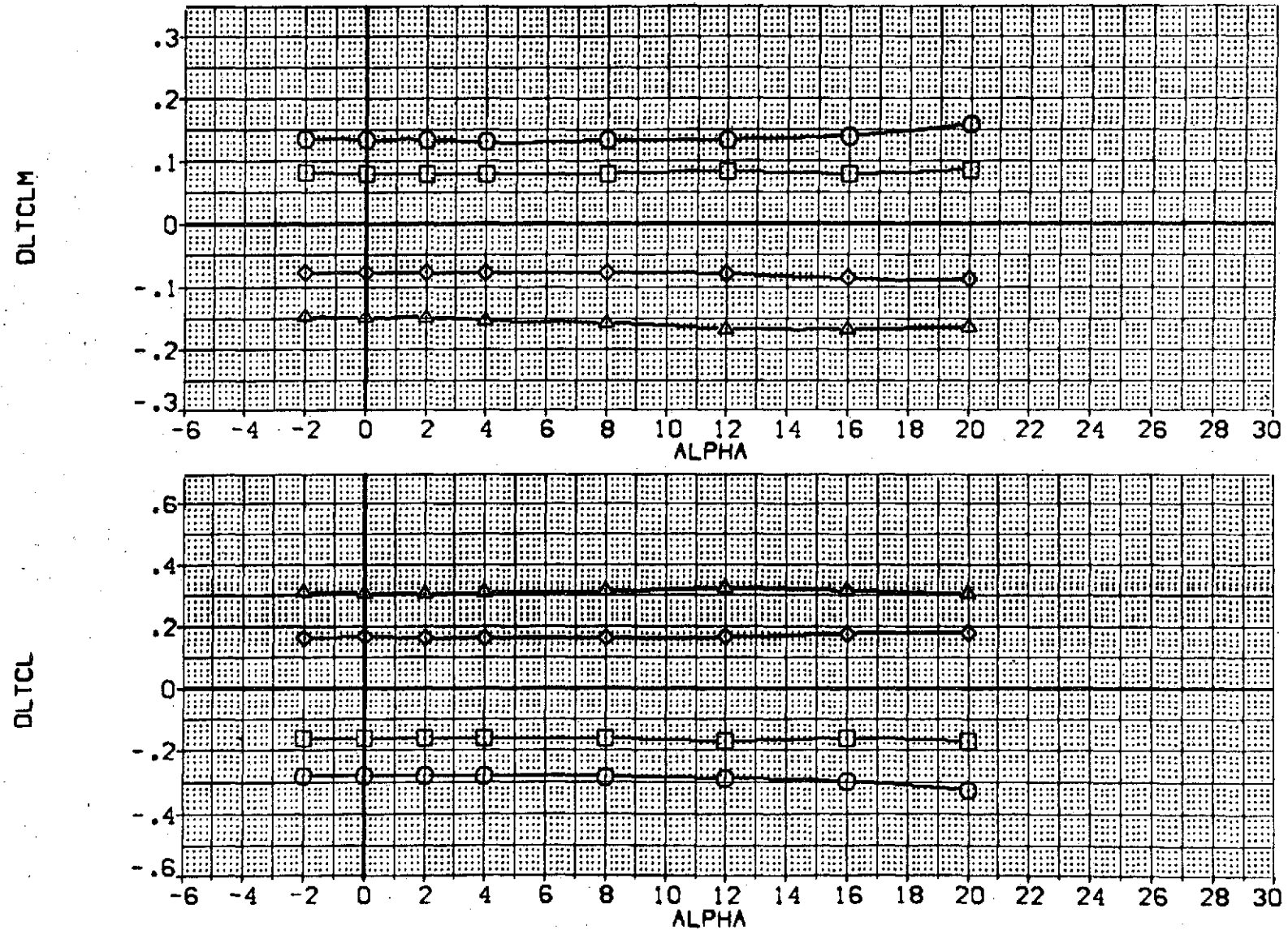


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

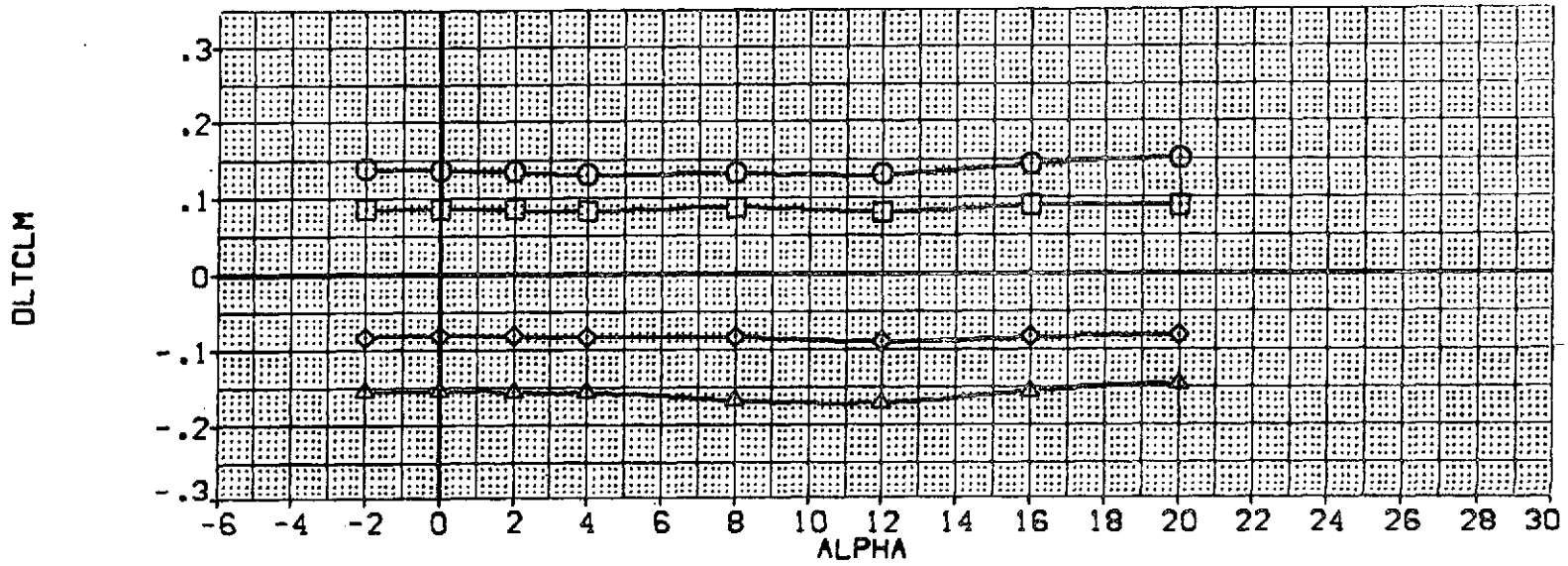


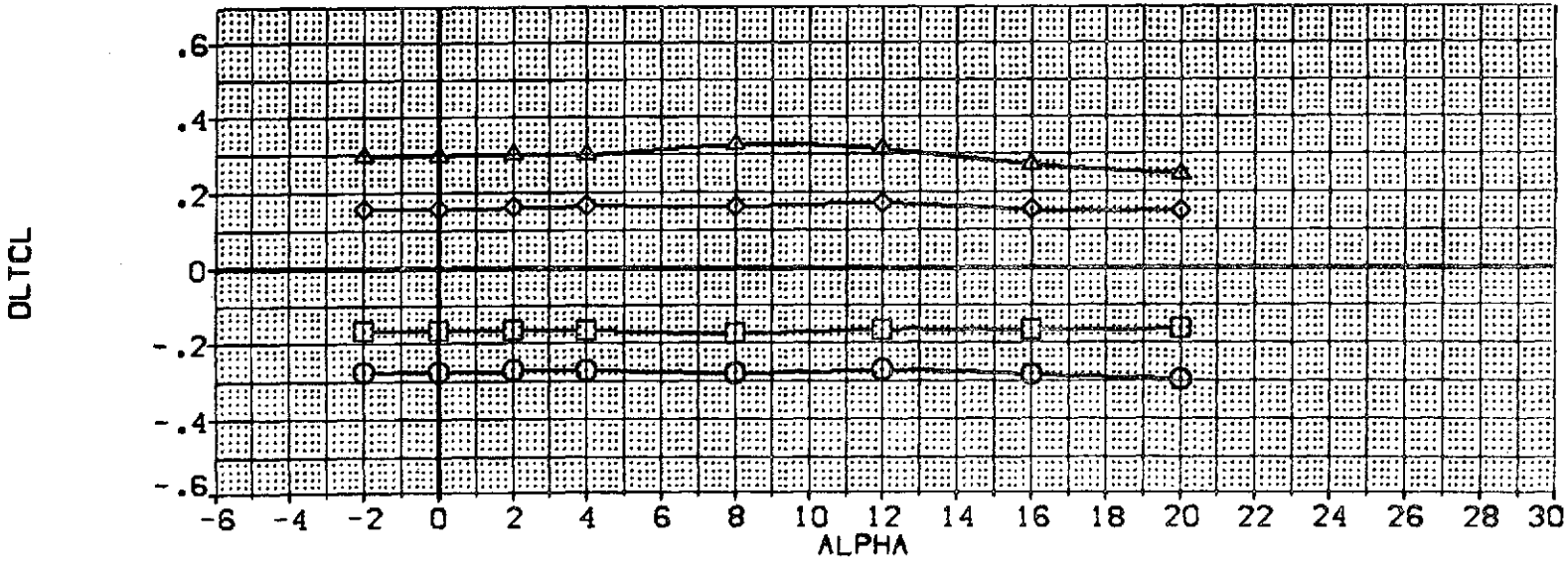
INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018) ○	LARC8-686(0A-116) (B26C9F8M16N20)(W11GE43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017) □	LARC8-686(0A-116) (B26C9F8M16N20)(W11GE43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015) ◇	LARC8-686(0A-116) (B26C9F8M16N20)(W11GE43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016) △	LARC8-686(0A-116) (B26C9F8M16N20)(W11GE43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





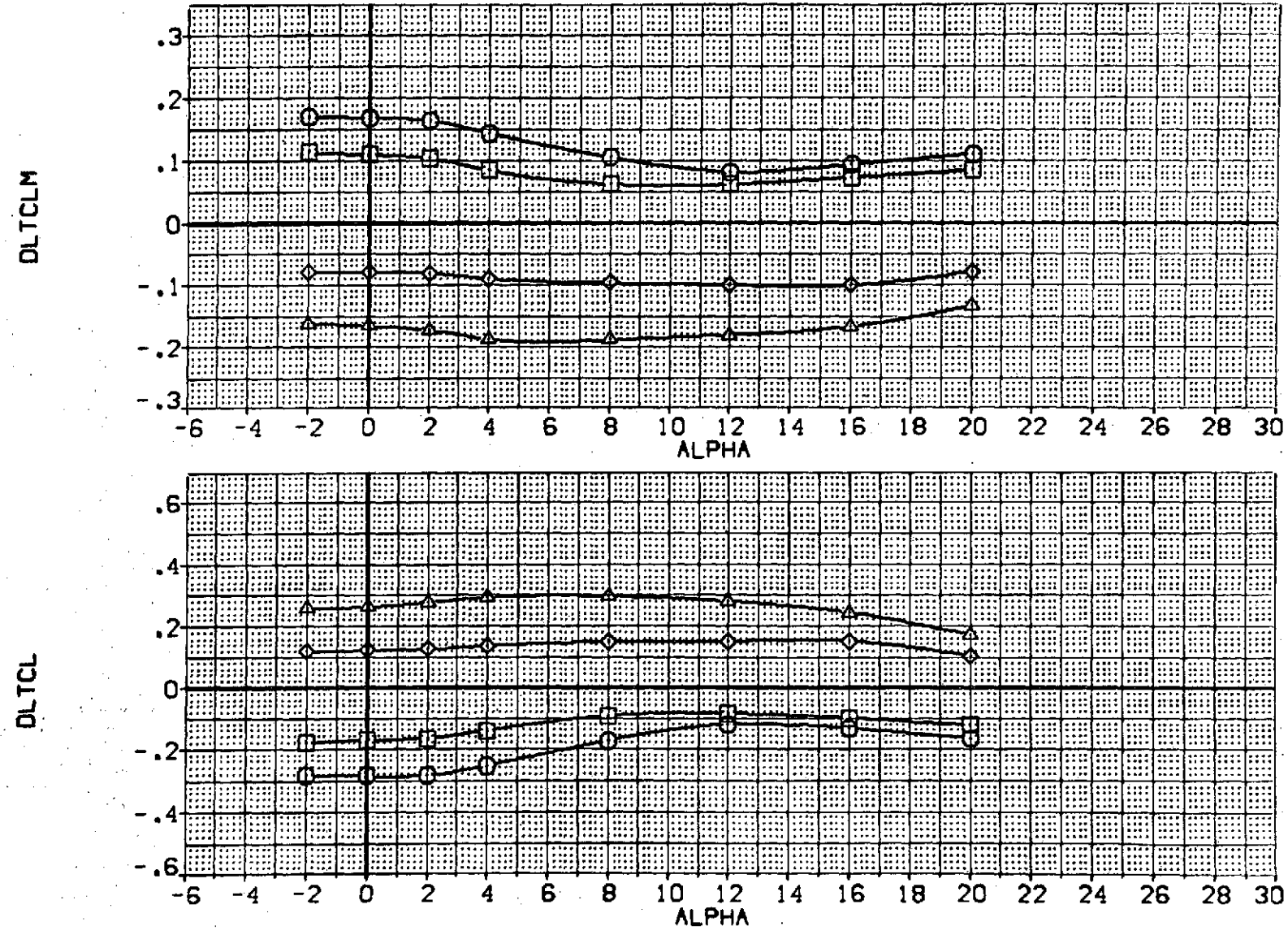
INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	○	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

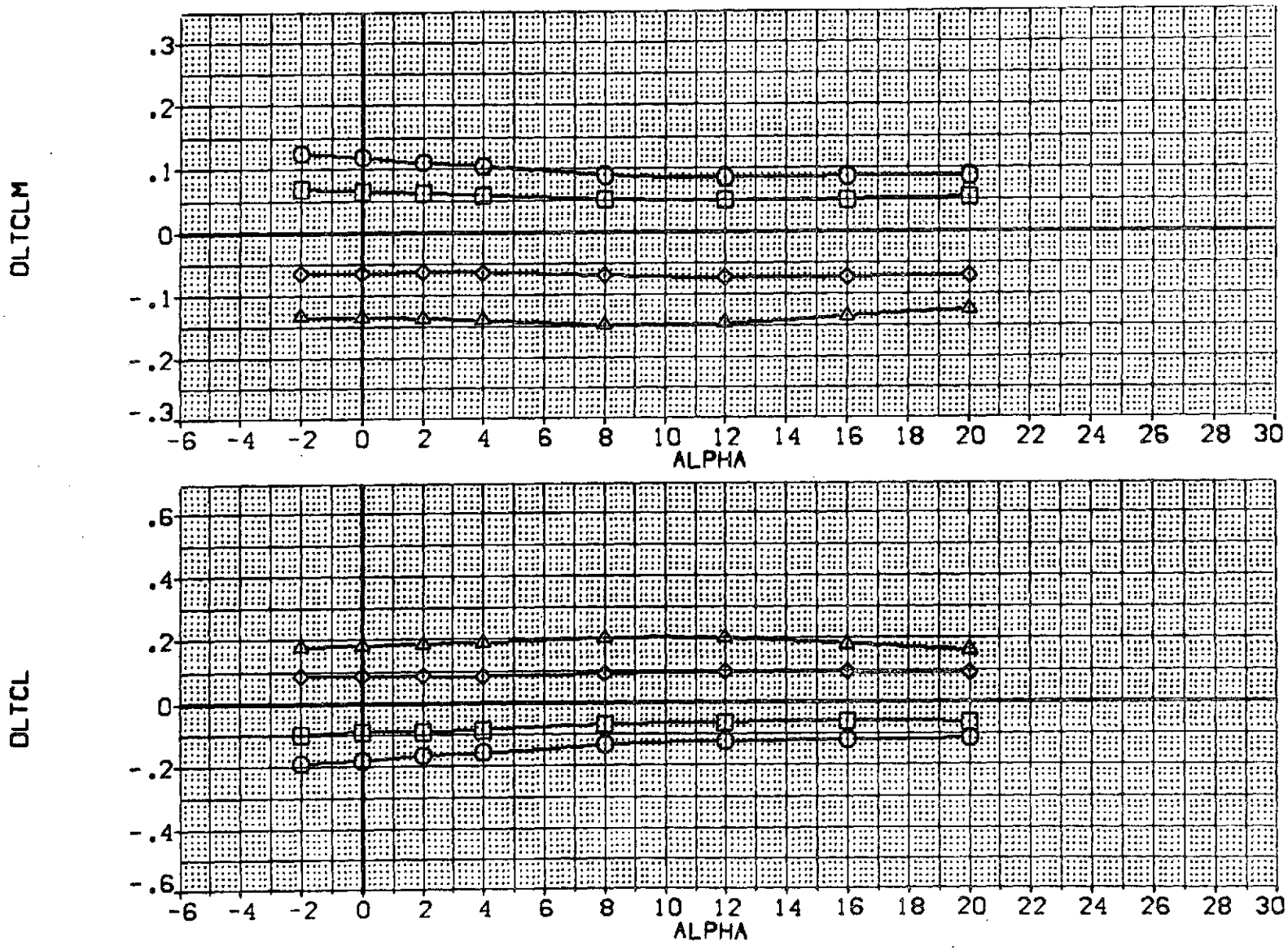


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(EHU018)	○	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(EHU017)	□	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(EHU015)	◇	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(EHU016)	△	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

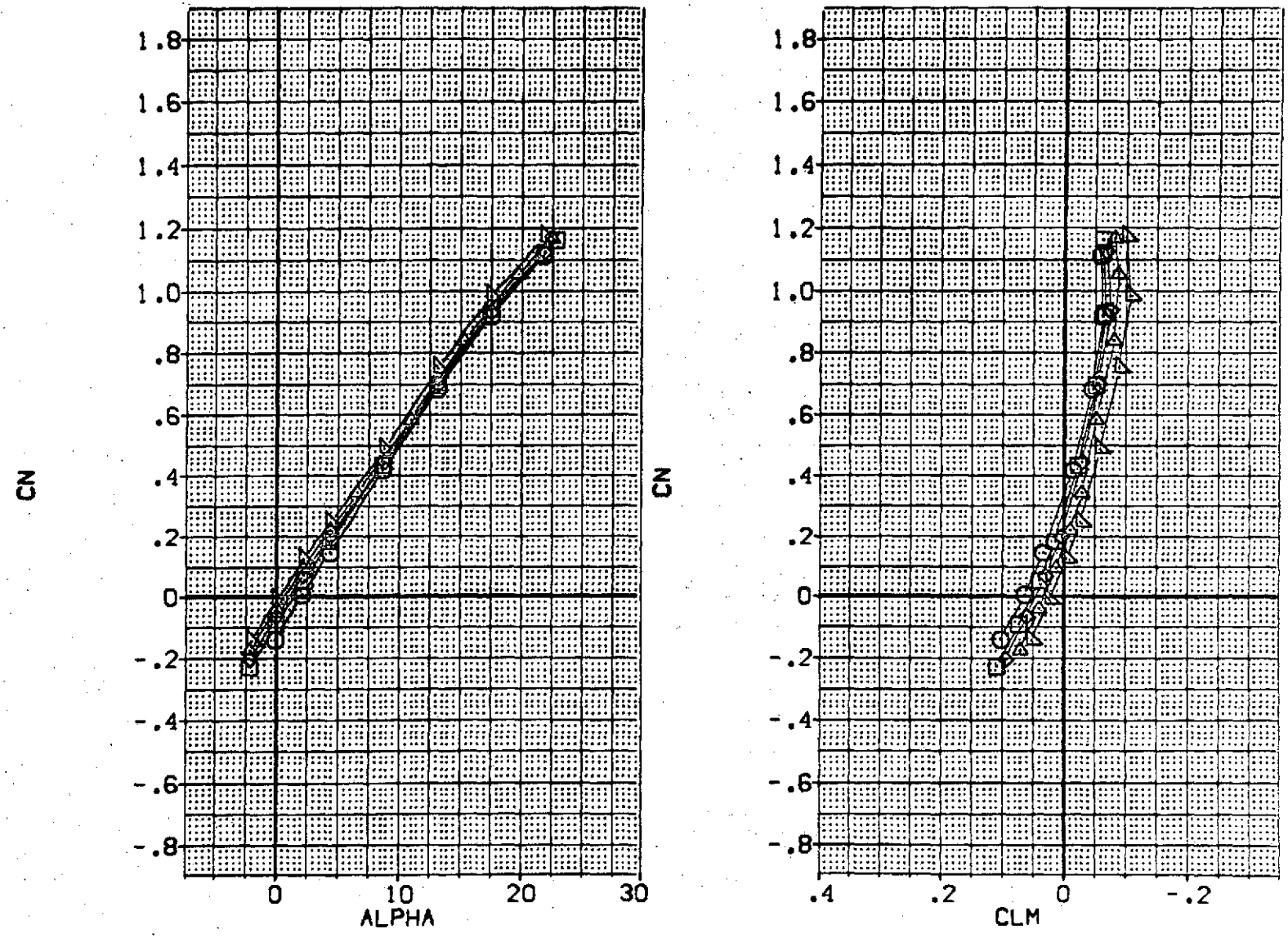


INCREMENTAL DATA DUE TO FULL SPAN ELEVON DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU014)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-40.000	.000	.000	-40.000
(DHU013)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	.000	.000	-20.000
(DHU012)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	.000	.000	-10.000
(DHU001)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU011)	◁	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



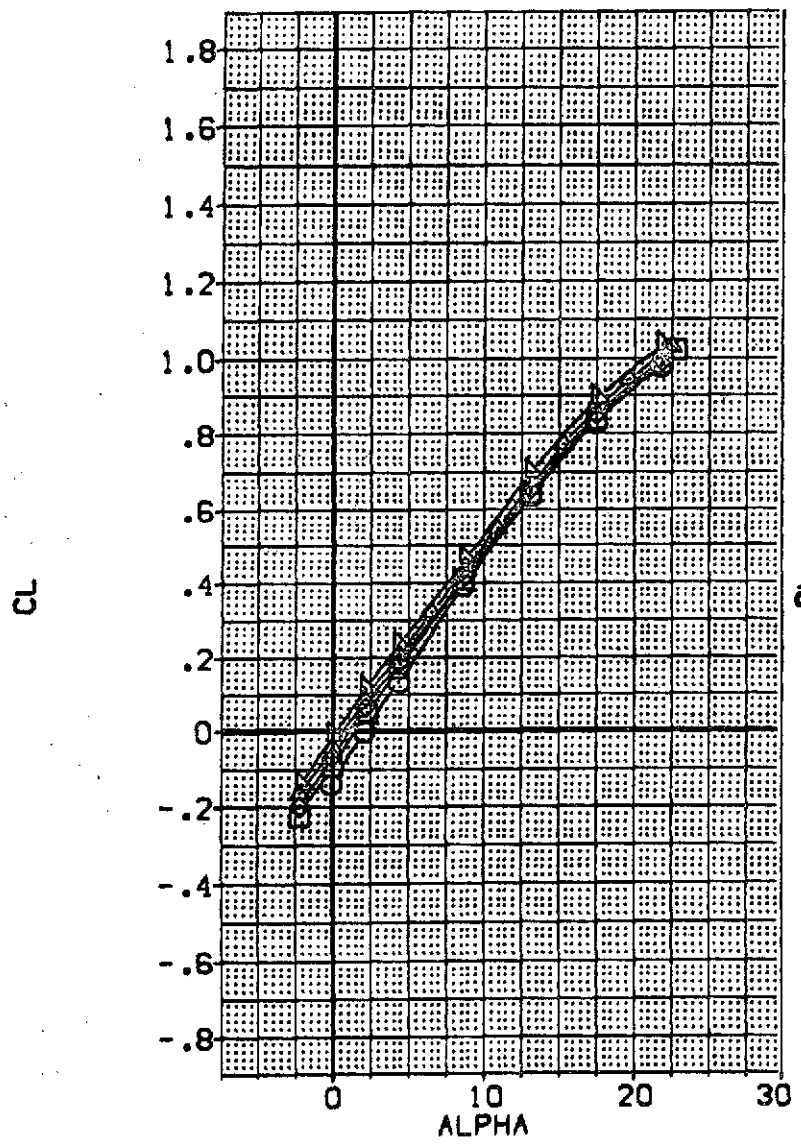
ELEVON EFFECTIVENESS, OUTBOARD PANELS ONLY

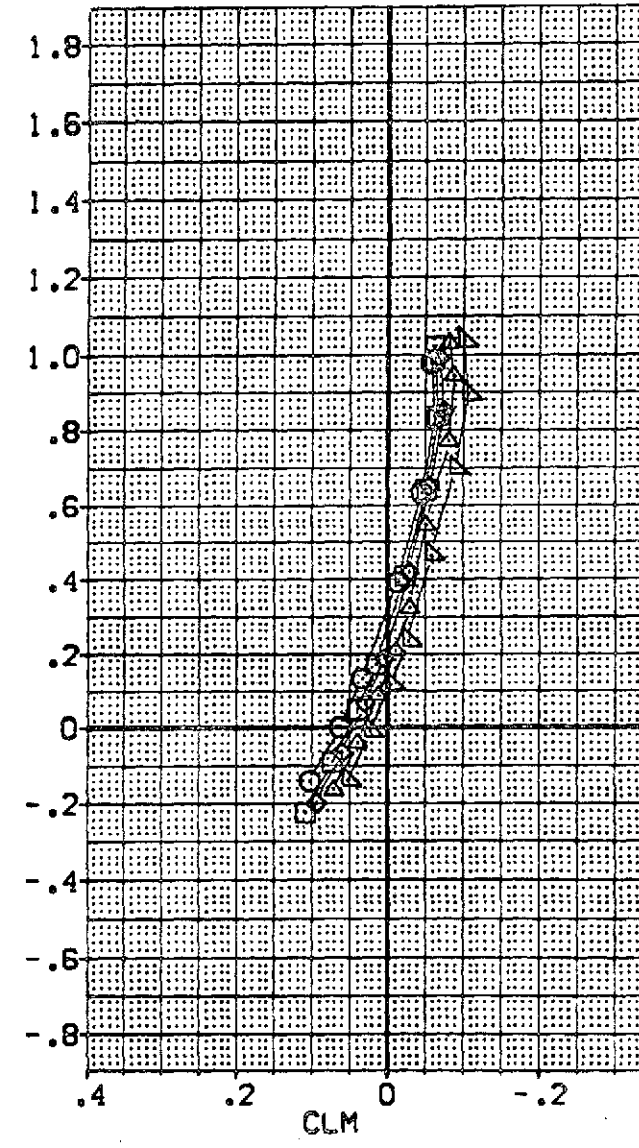
(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU014)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	.000	.000	-40.000
(DHU013)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	.000	.000	-20.000
(DHU012)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	-10.000
(DHU001)	⊲	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU011)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



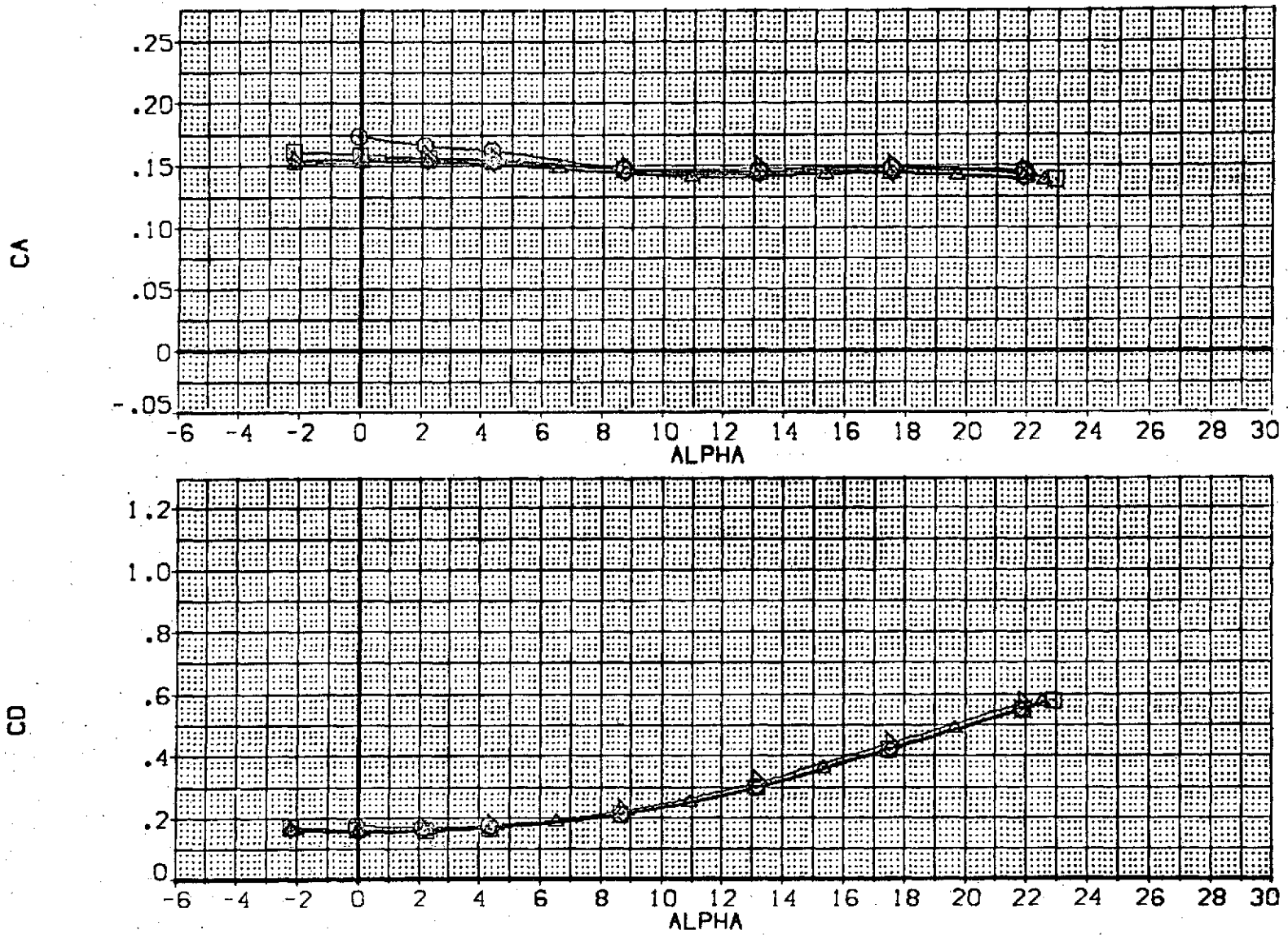


ELEVON EFFECTIVENESS, OUTBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-40.000	.000	.000	-40.000
(DHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	.000	.000	-20.000
(DHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	.000	.000	-10.000
(DHU001)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU011)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

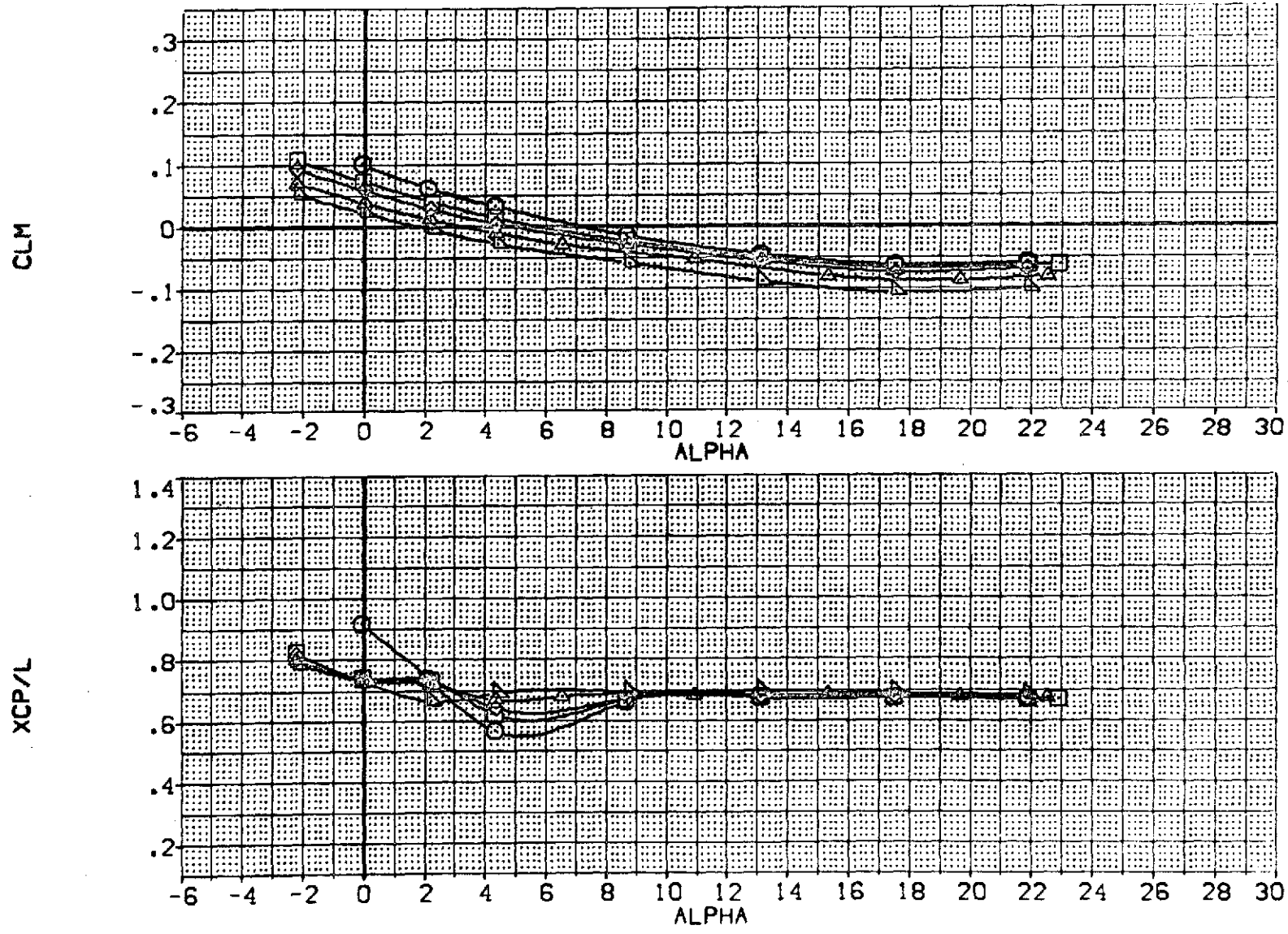


ELEVON EFFECTIVENESS, OUTBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	.000	.000	-40.000
(DHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	.000	.000	-20.000
(DHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	-10.000
(DHU001)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU011)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

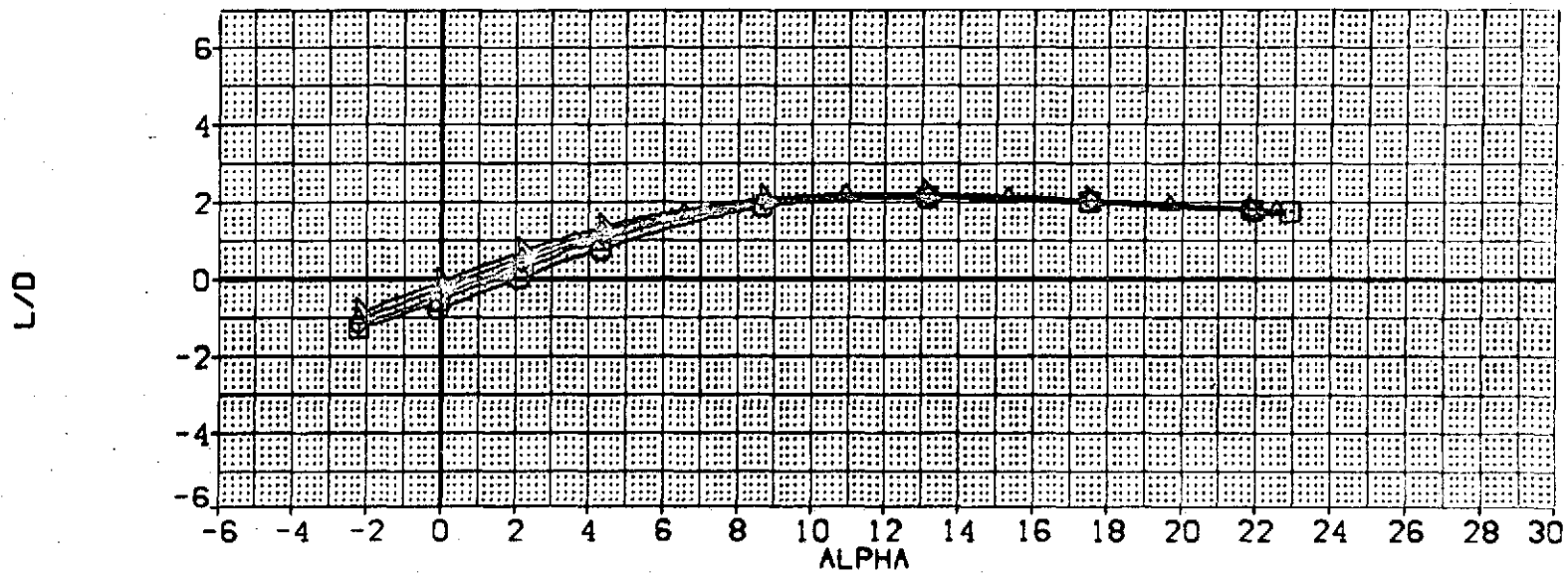


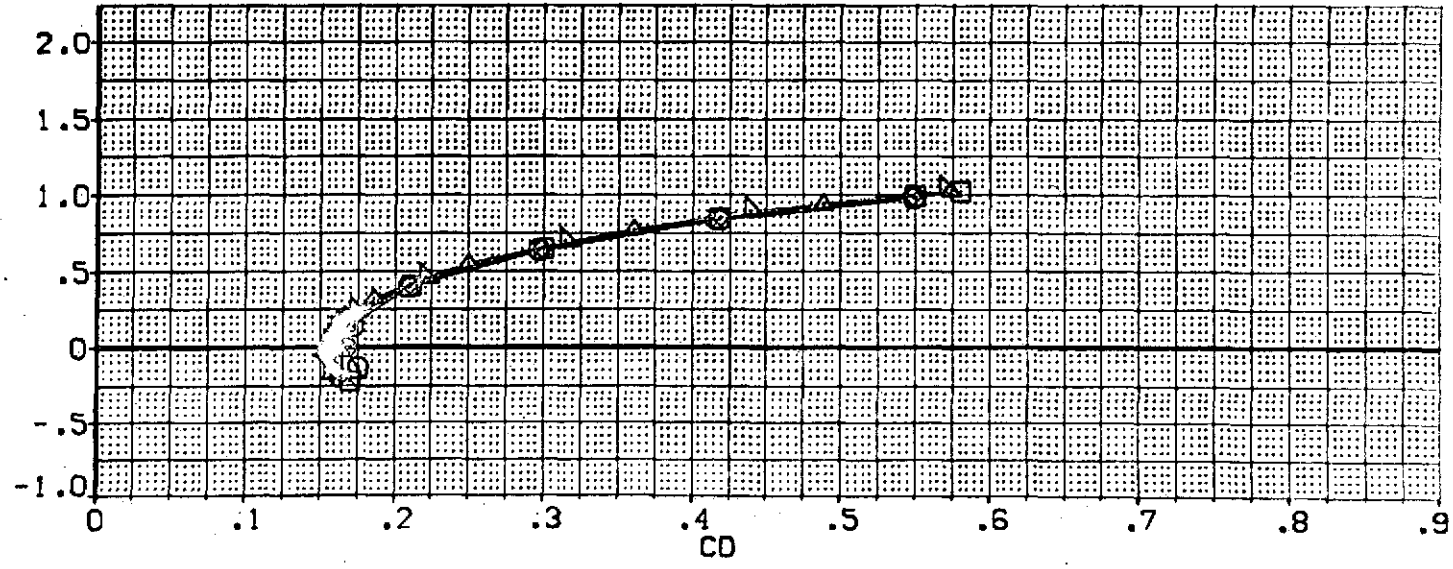
ELEVON EFFECTIVENESS, OUTBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	.000	.000	-40.000
(DHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	.000	.000	-20.000
(DHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	-10.000
(DHU001)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU011)	▷	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



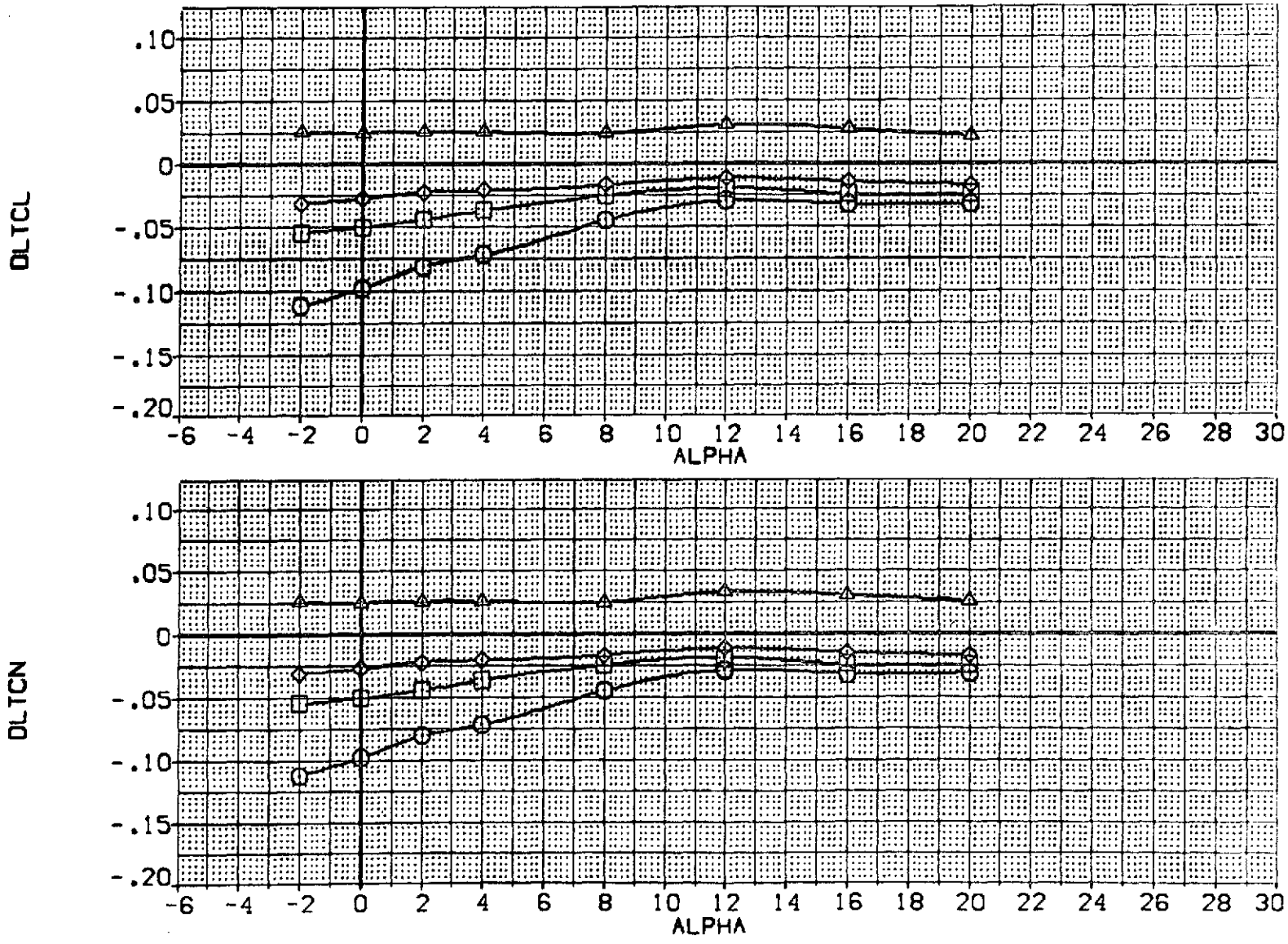


ELEVON EFFECTIVENESS, OUTBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	.000	.000	-40.000
(EHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	.000	.000	-20.000
(EHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	-10.000
(EHU011)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



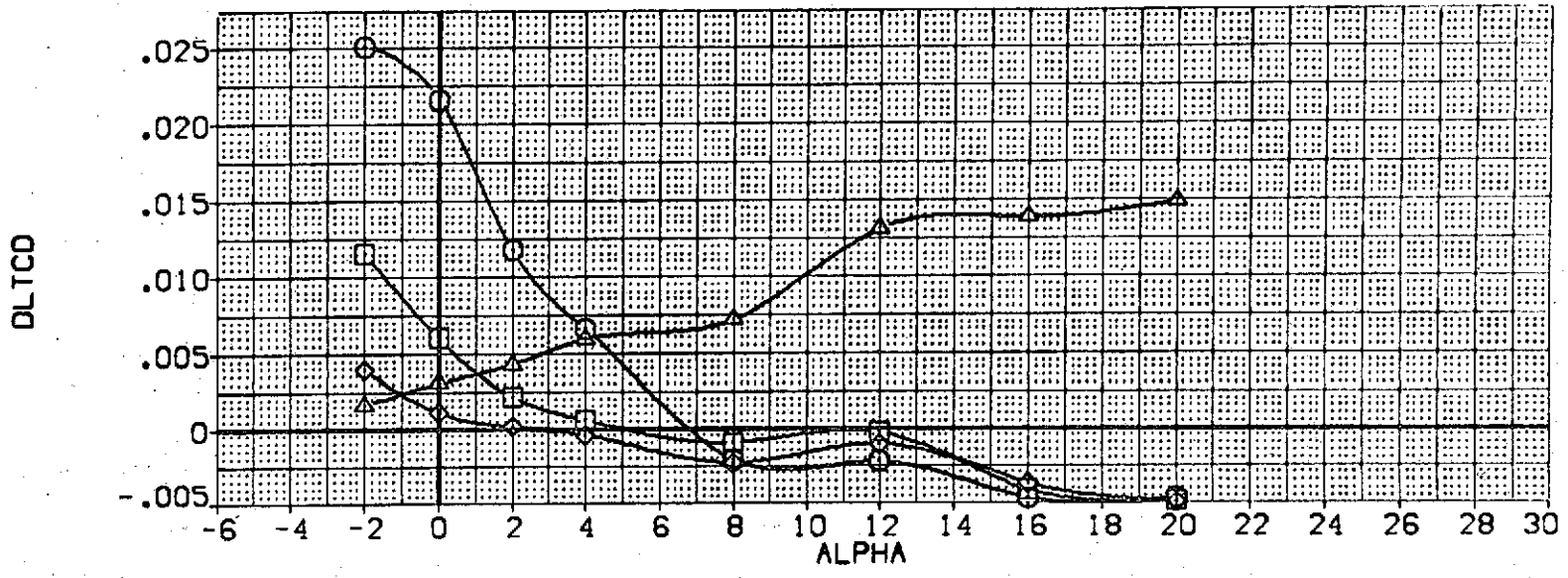
INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS ONLY

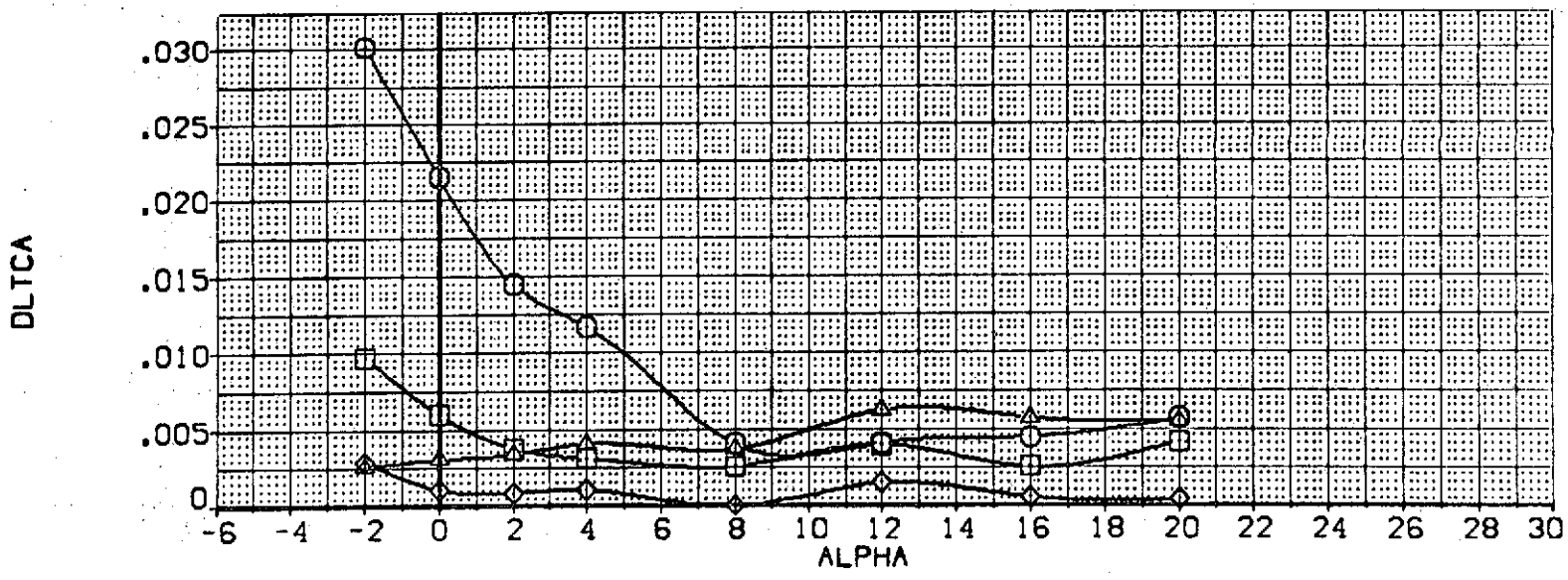
(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	.000	.000	-40.000
(EHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	.000	.000	-20.000
(EHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	-10.000
(EHU011)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



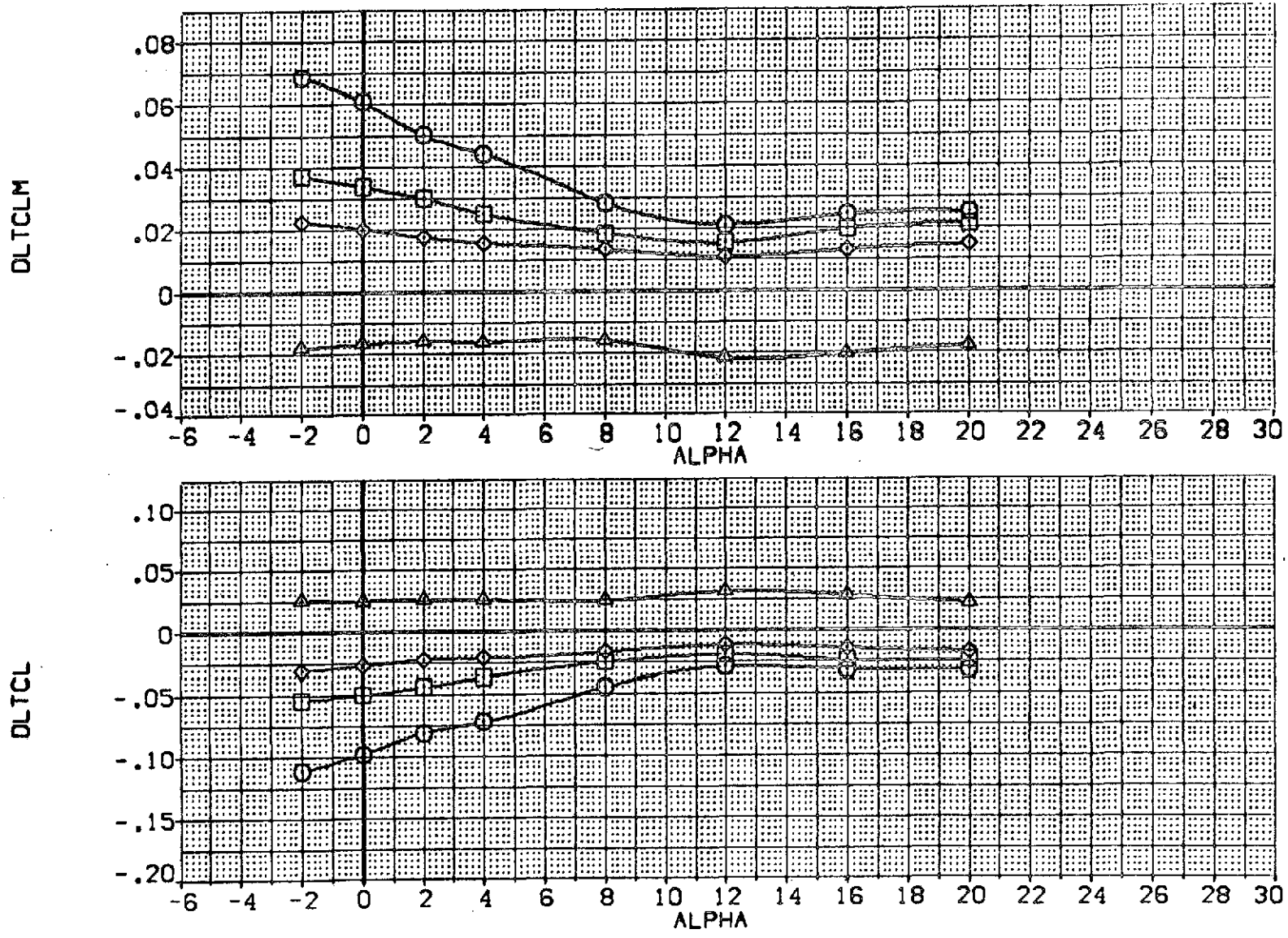


INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU014) ○	LARC8-686(0A-116) (B26C9F8M16N28)(W11SE43)(V8R5)	-40.000	.000	.000	-40.000
(EHU013) □	LARC8-686(0A-116) (B26C9F8M16N28)(W11SE43)(V8R5)	-20.000	.000	.000	-20.000
(EHU012) ◇	LARC8-686(0A-116) (B26C9F8M16N28)(W11SE43)(V8R5)	-10.000	.000	.000	-10.000
(EHU011) △	LARC8-686(0A-116) (B26C9F8M16N28)(W11SE43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2680.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

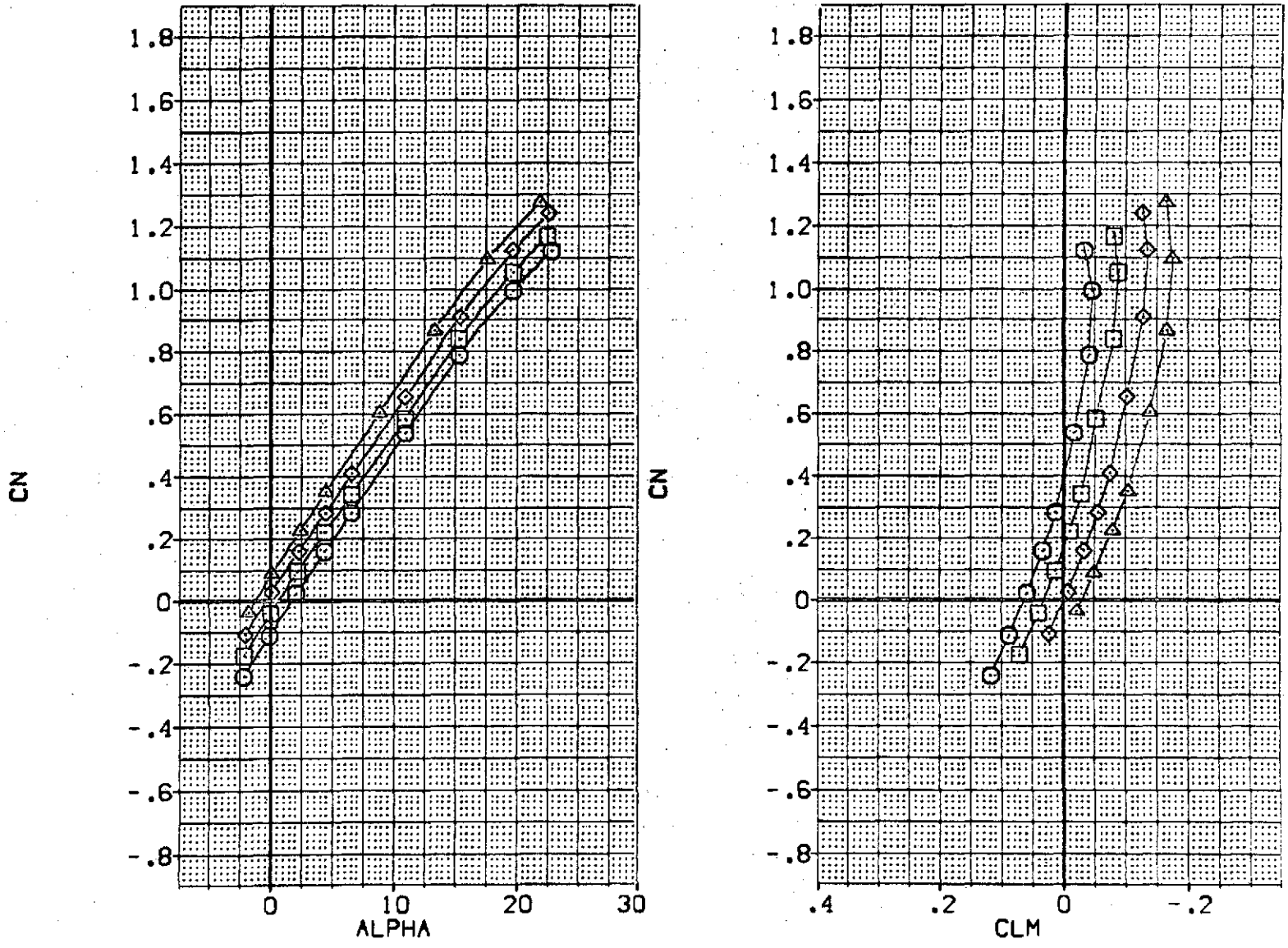


INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU010)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	-10.000	-10.000	.000
(DHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU008)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	10.000	10.000	.000
(DHU009)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

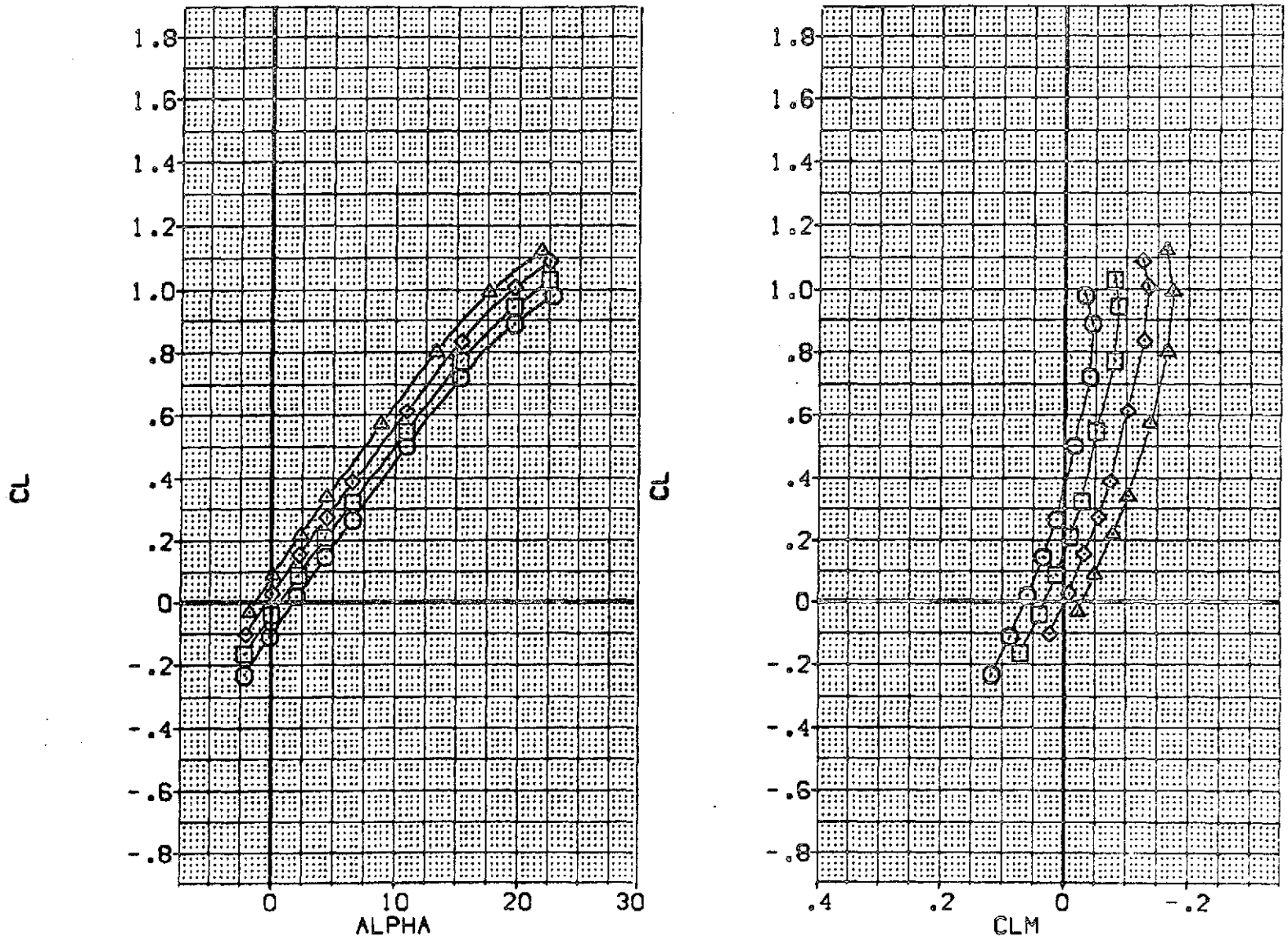


ELEVON EFFECTIVENESS, INBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(OHU010)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V0R5)	.000	-10.000	-10.000	.000
(OHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	.000	.000	.000
(OHU008)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	10.000	10.000	.000
(OHU009)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YC
ZMRP	375.0000	IN. ZC
SCALE	.0150	

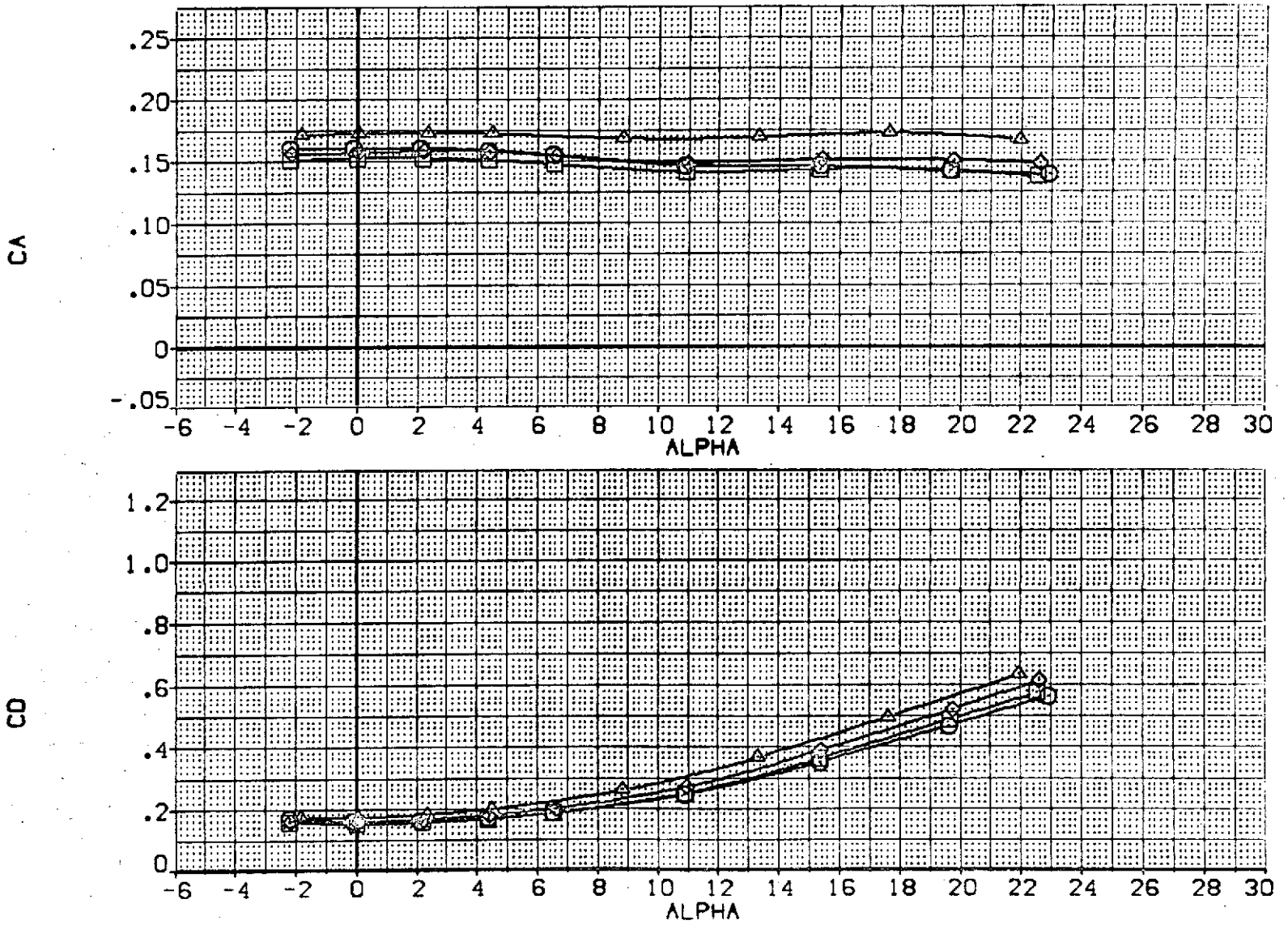


ELEVON EFFECTIVENESS, INBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU010)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	-10.000	-10.000	.000
(DHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU008)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	10.000	10.000	.000
(DHU009)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

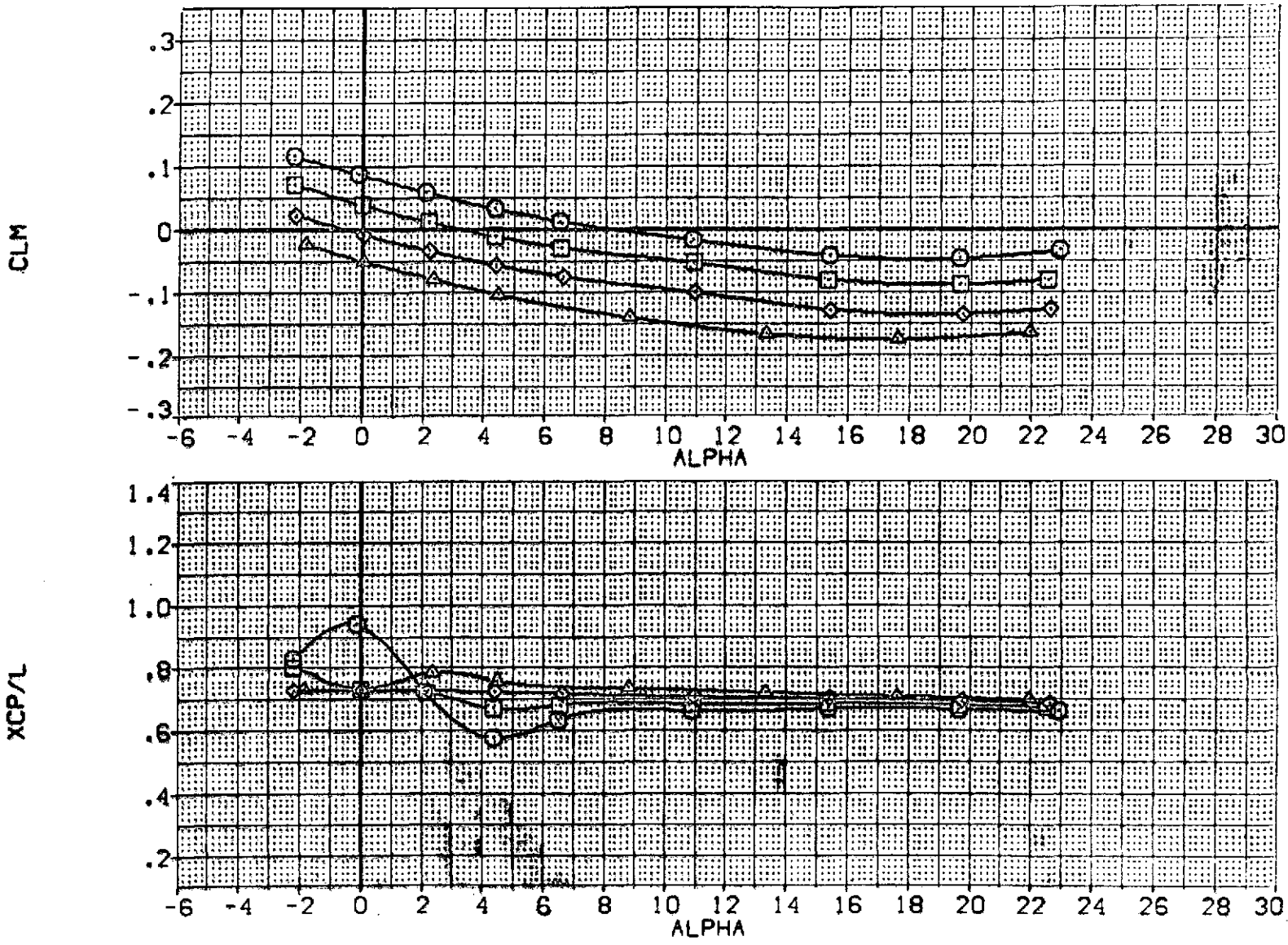


ELEVON EFFECTIVENESS, INBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU010)	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	.000	-10.000	-10.000	.000
(DHU001)	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	.000	.000	.000	.000
(DHU008)	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	.000	10.000	10.000	.000
(DHU009)	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

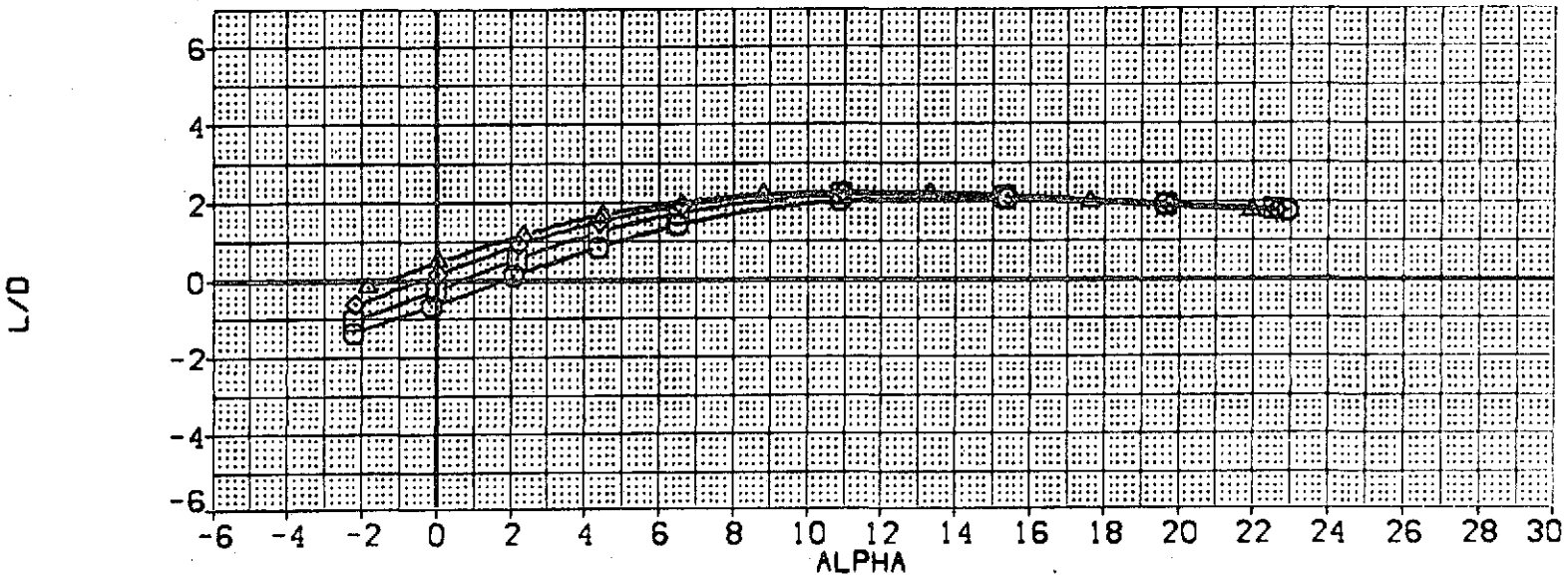


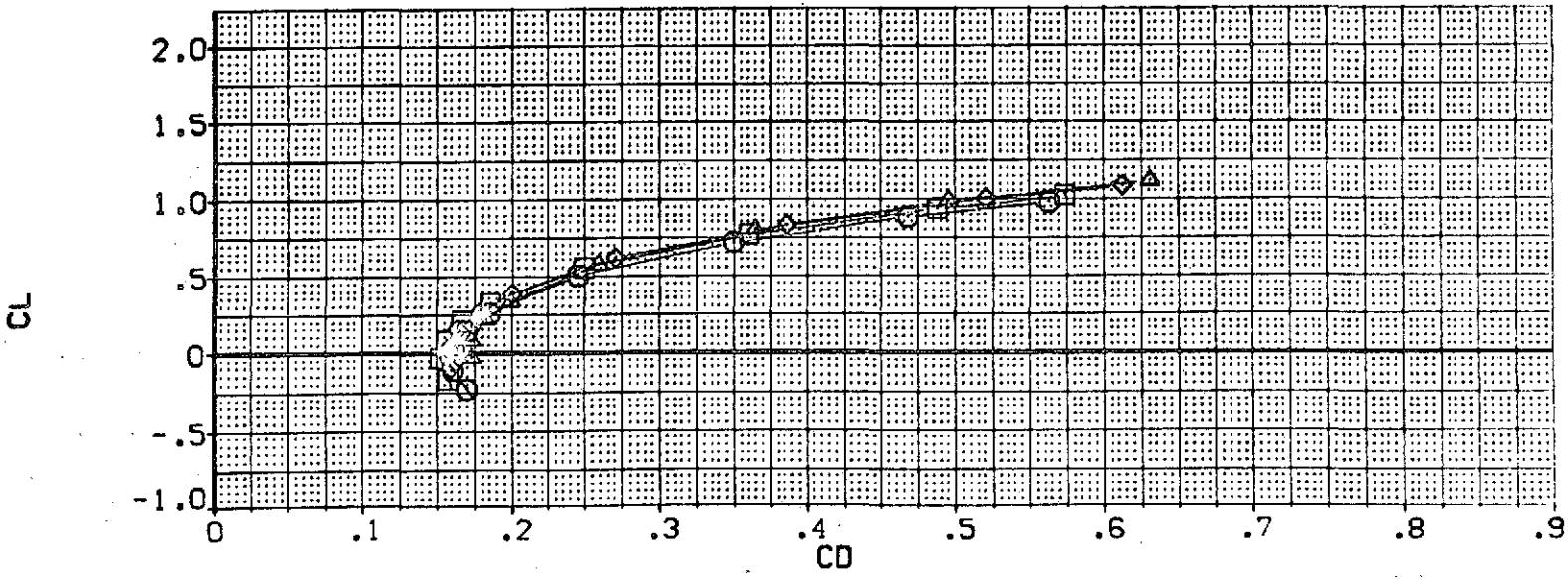
ELEVON EFFECTIVENESS. INBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU010)	○	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(VBR5)	.000	-10.000	-10.000	.000
(DHU001)	□	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(VBR5)	.000	.000	.000	.000
(DHU008)	◇	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(VBR5)	.000	10.000	10.000	.000
(DHU009)	△	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(VBR5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



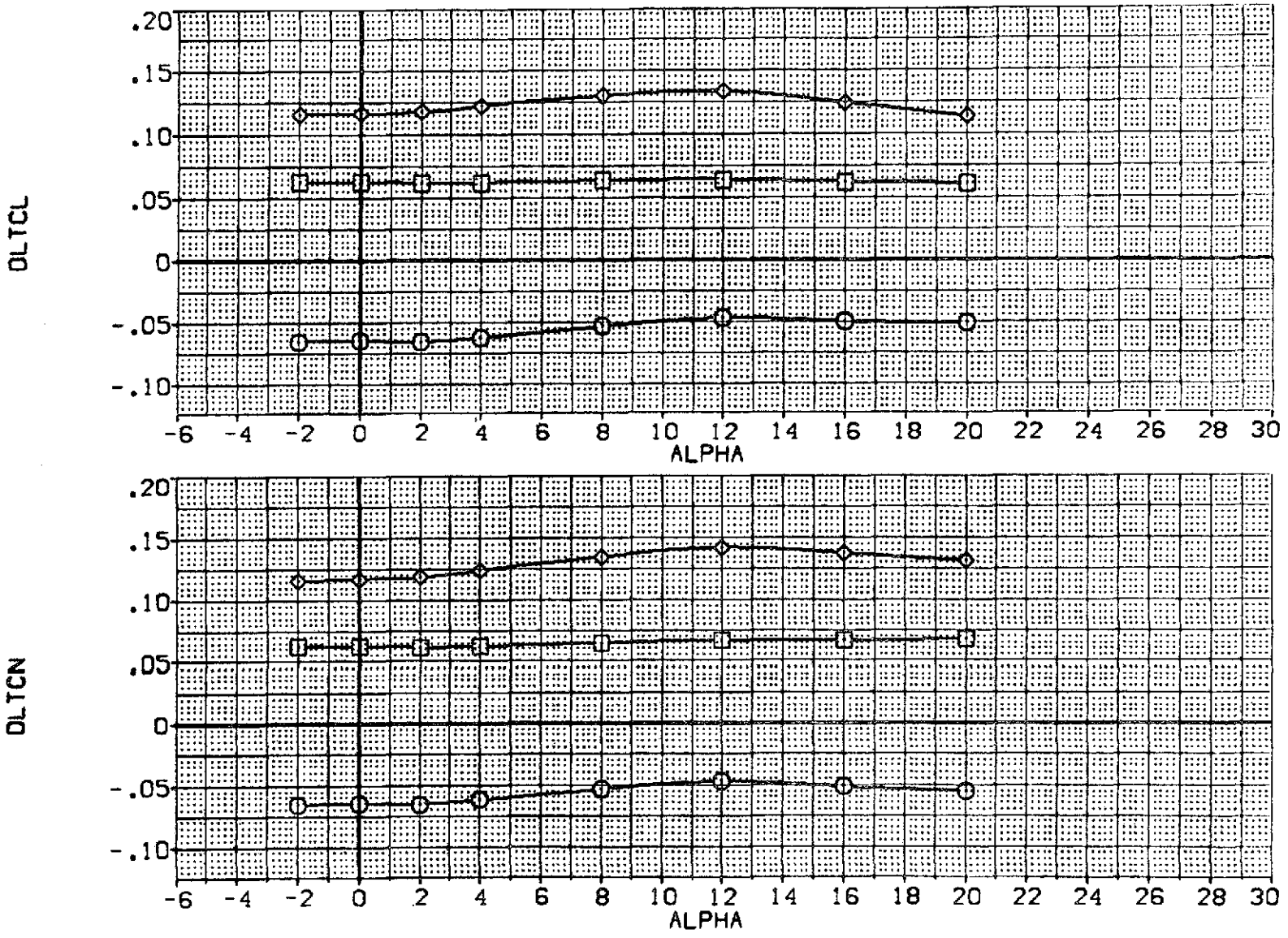


ELEVON EFFECTIVENESS, INBOARD PANELS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	DEL-LI	DEL-RI	ELV-RO
(EHU010)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	-10.000	-10.000	.000
(EHU008)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	10.000	10.000	.000
(EHU009)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

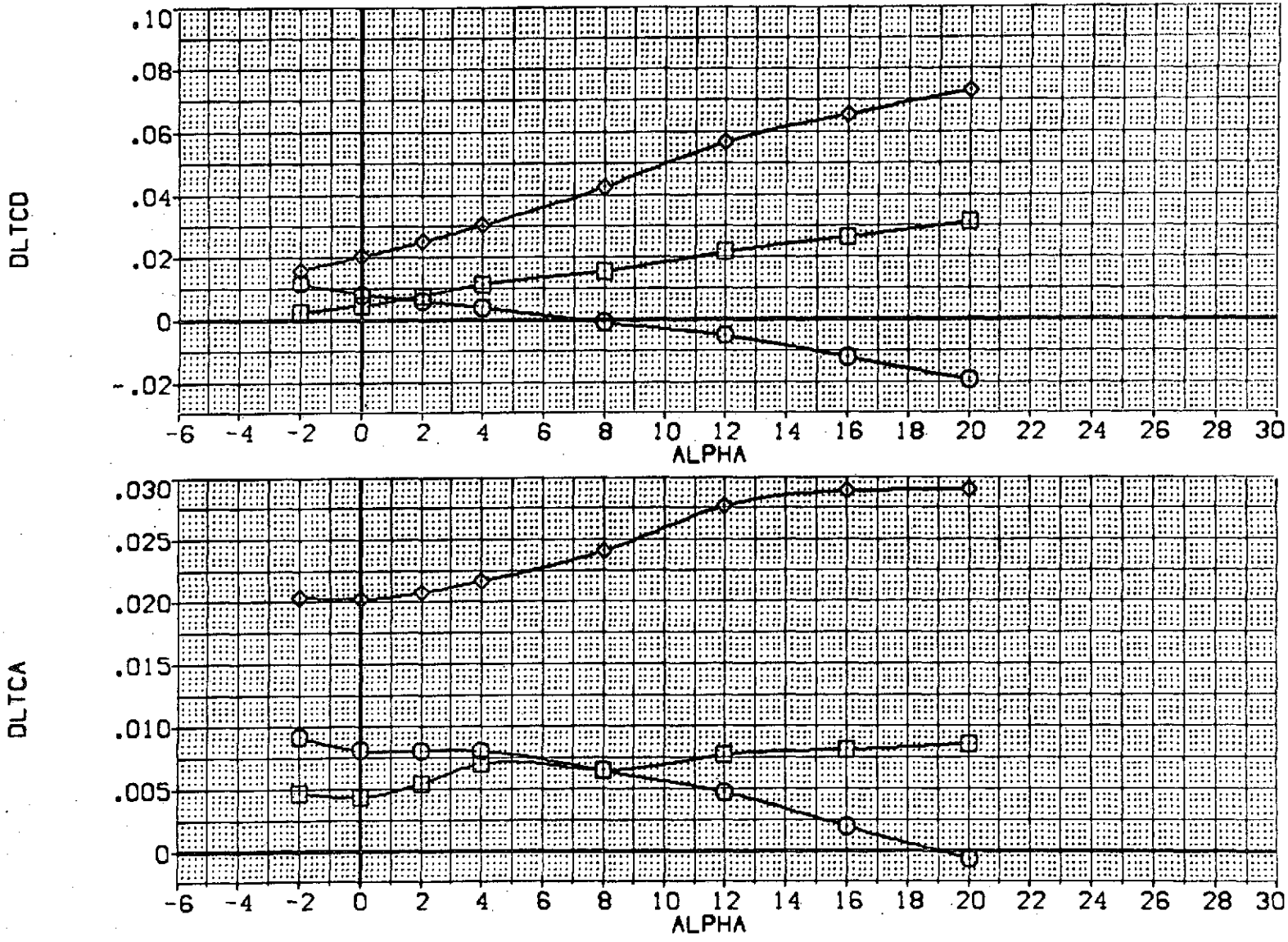


INCREMENTAL DATA DUE TO INBOARD ELEVON DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	DEL-LI	DEL-RI	ELV-RO
(EHU010)	○	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	.000	-10.000	-10.000	.000
(EHU008)	□	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	.000	10.000	10.000	.000
(EHU009)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



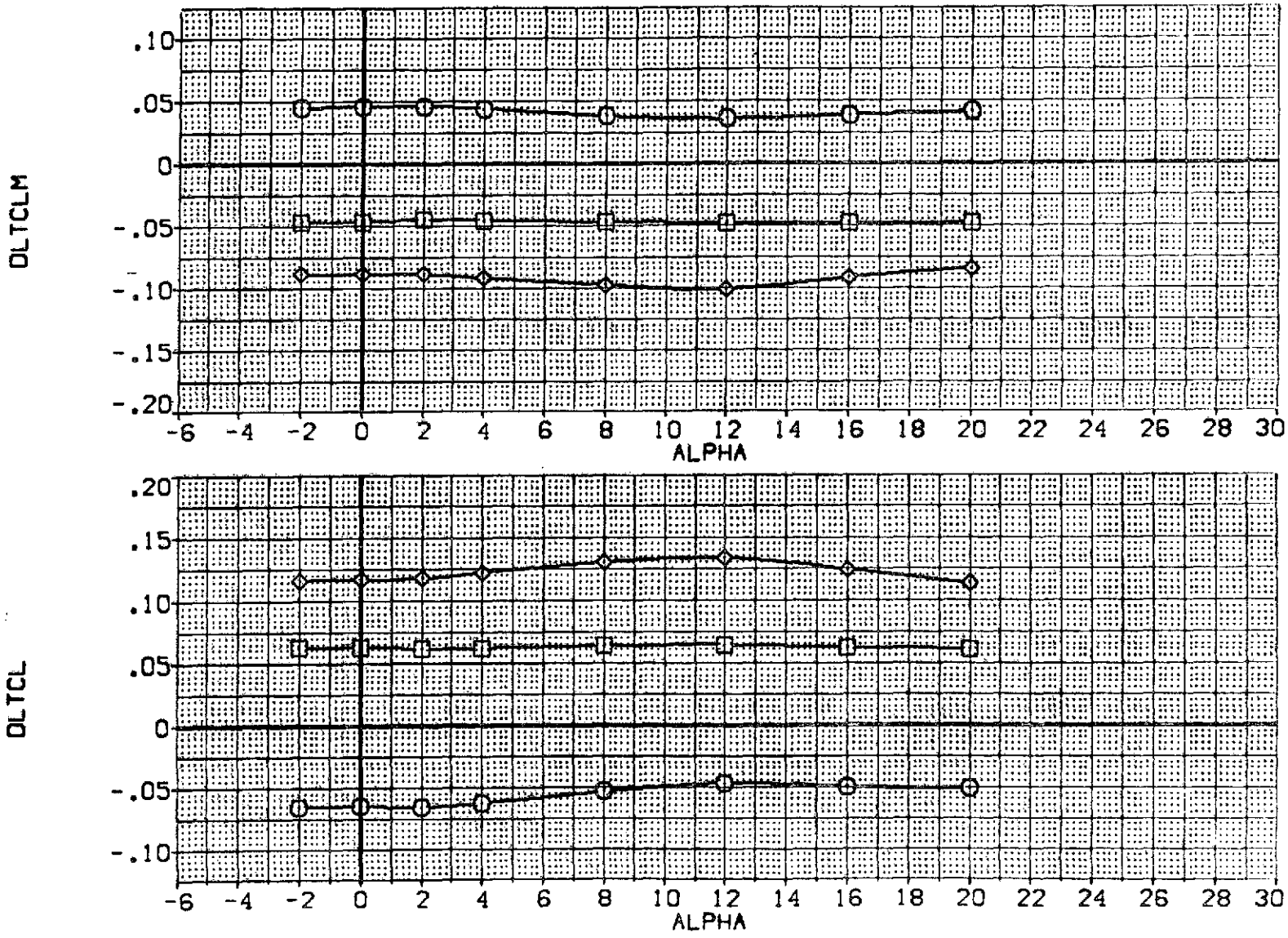
INCREMENTAL DATA DUE TO INBOARD ELEVON DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	DEL-LI	DEL-RI	ELV-RO
(EHU010) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	-10.000	-10.000	.000
(EHU008) □	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	10.000	10.000	.000
(EHU009) ◇	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

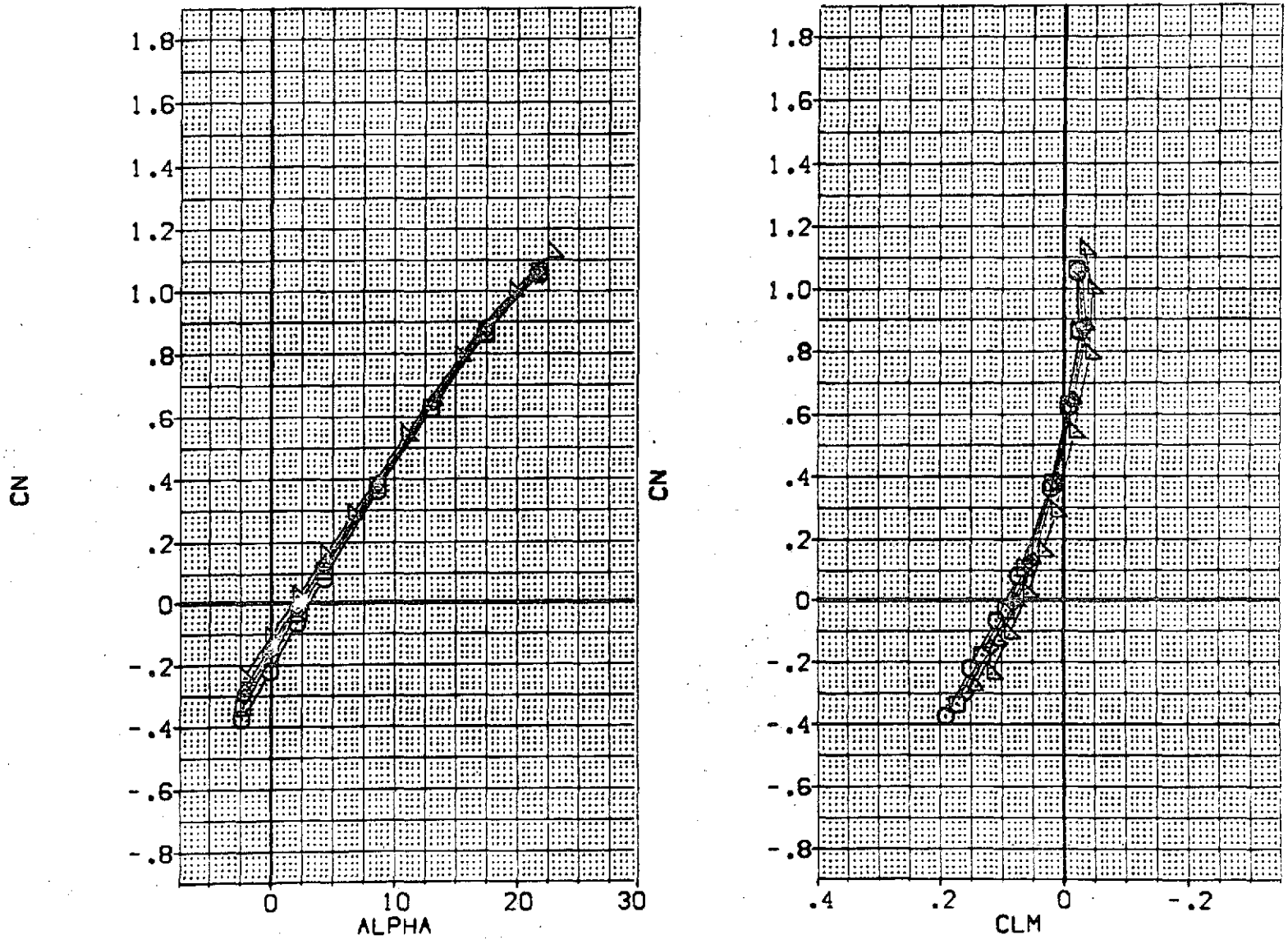


INCREMENTAL DATA DUE TO INBOARD ELEVON DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU021)	○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(DHU020)	□	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(DHU019)	◇	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(DHU017)	△	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU010)	◁	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



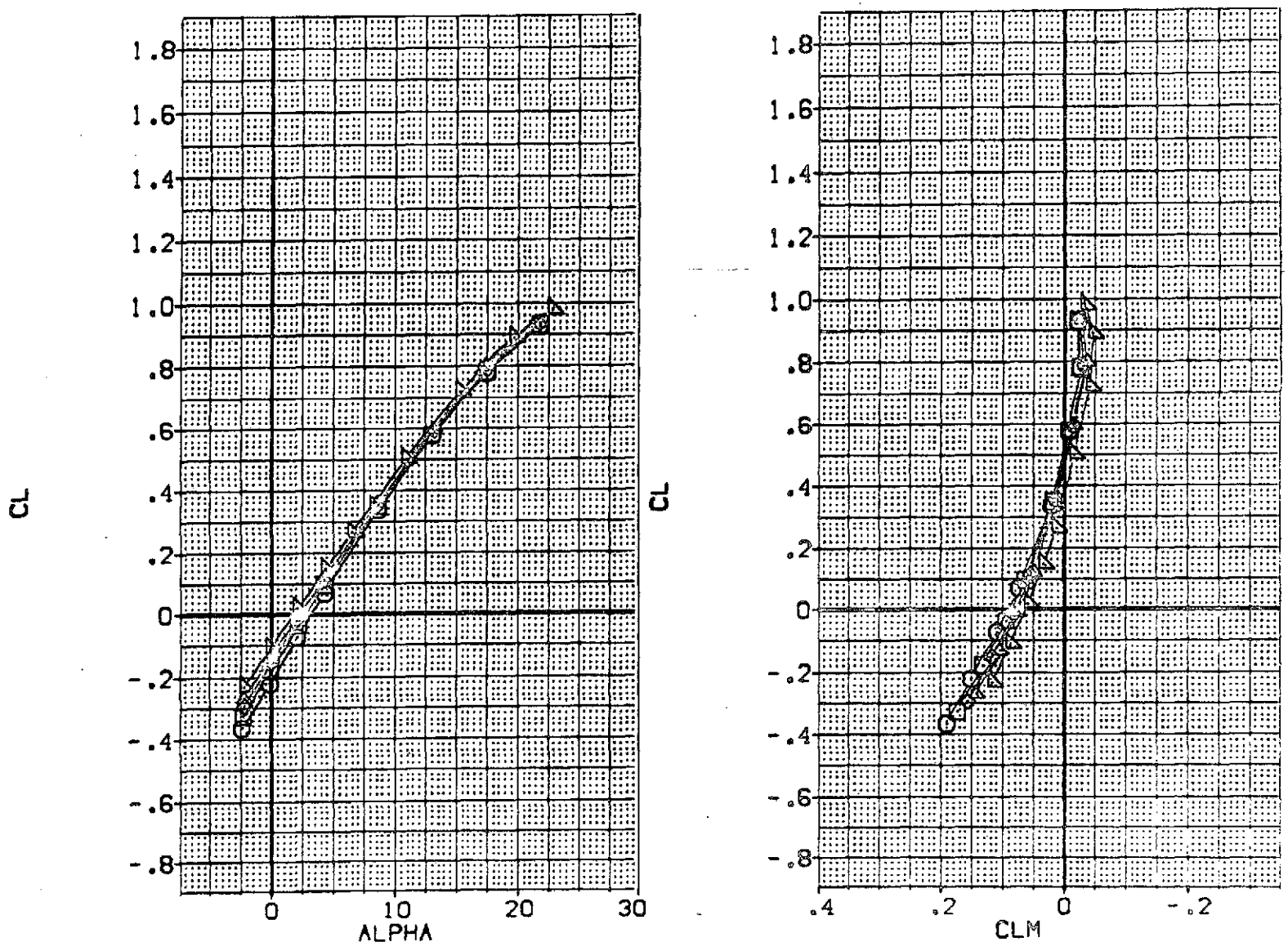
ELEVON EFFECTIVENESS, OUTBOARD PANELS WITH INBOARD PANELS AT -10 DEGREES

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU021)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(DHU020)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(DHU019)	⋈	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(DHU017)	▽	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU010)	△	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

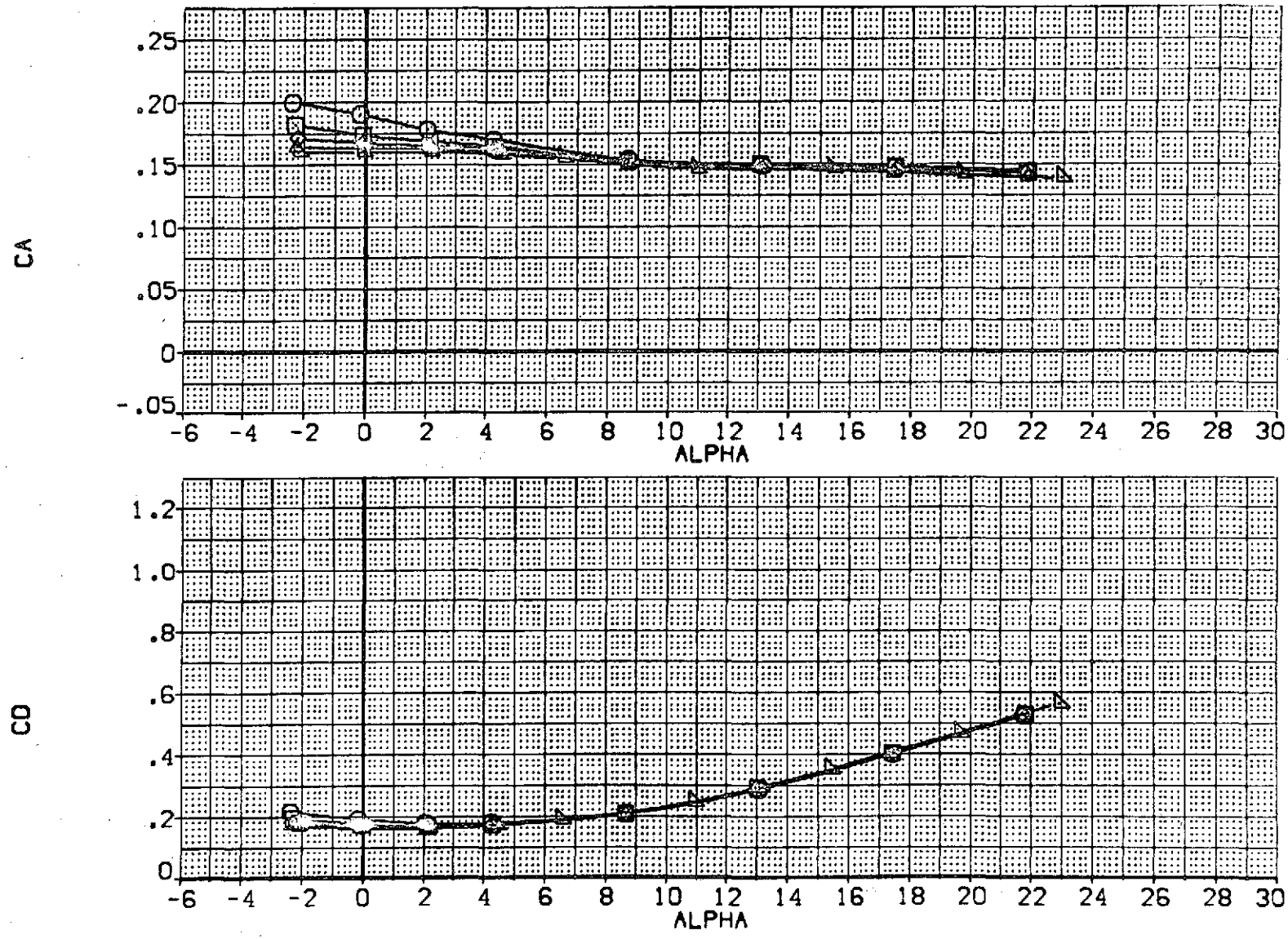


ELEVON EFFECTIVENESS, OUTBOARD PANELS WITH INBOARD PANELS AT -10 DEGREES

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU021)		LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(DHU020)		LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(DHU019)		LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(DHU017)		LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU010)		LARC9-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

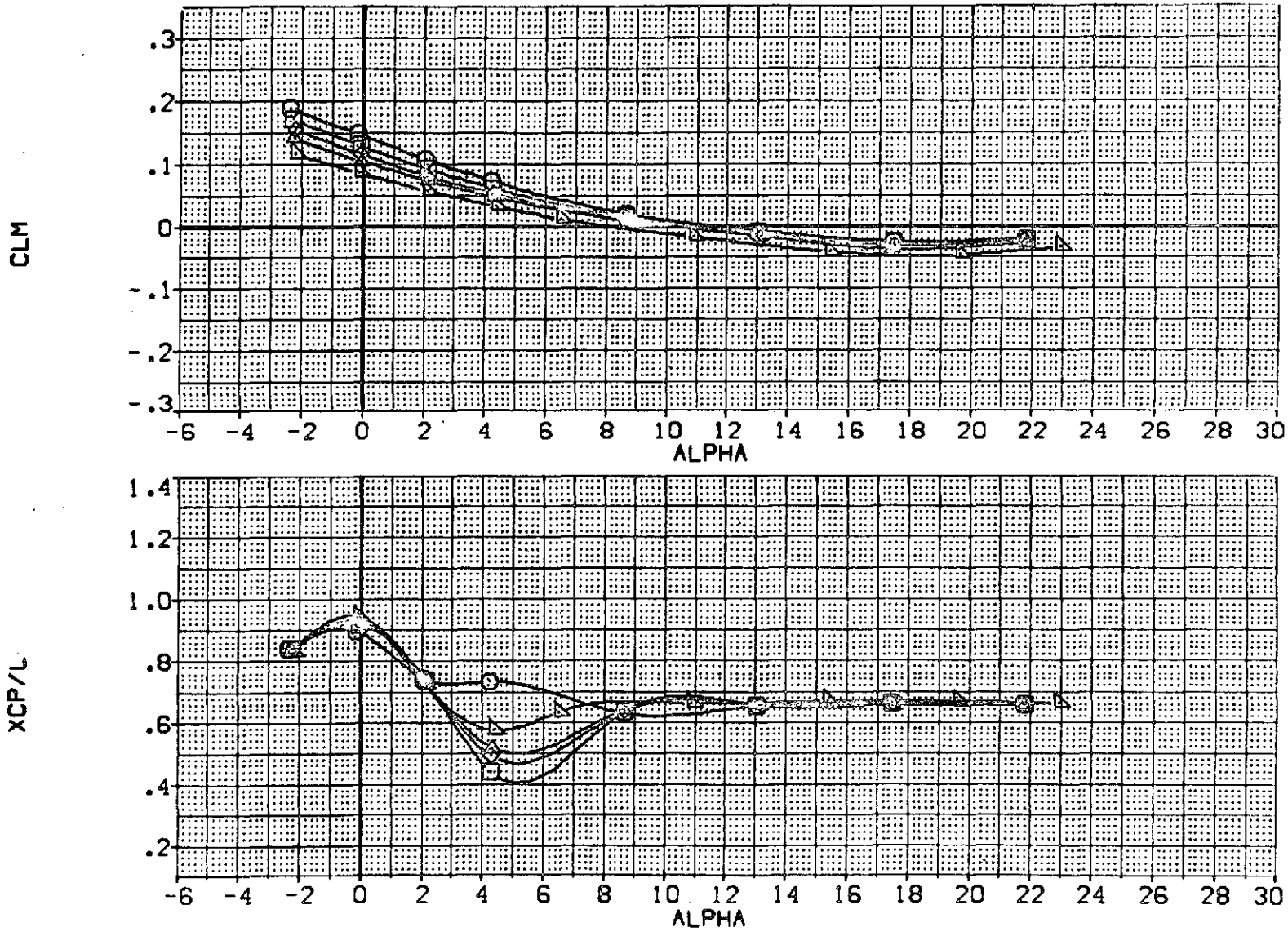


ELEVON EFFECTIVENESS, OUTBOARD PANELS WITH INBOARD PANELS AT -10 DEGREES

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU021)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(DHU020)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(DHU019)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(DHU017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU010)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	

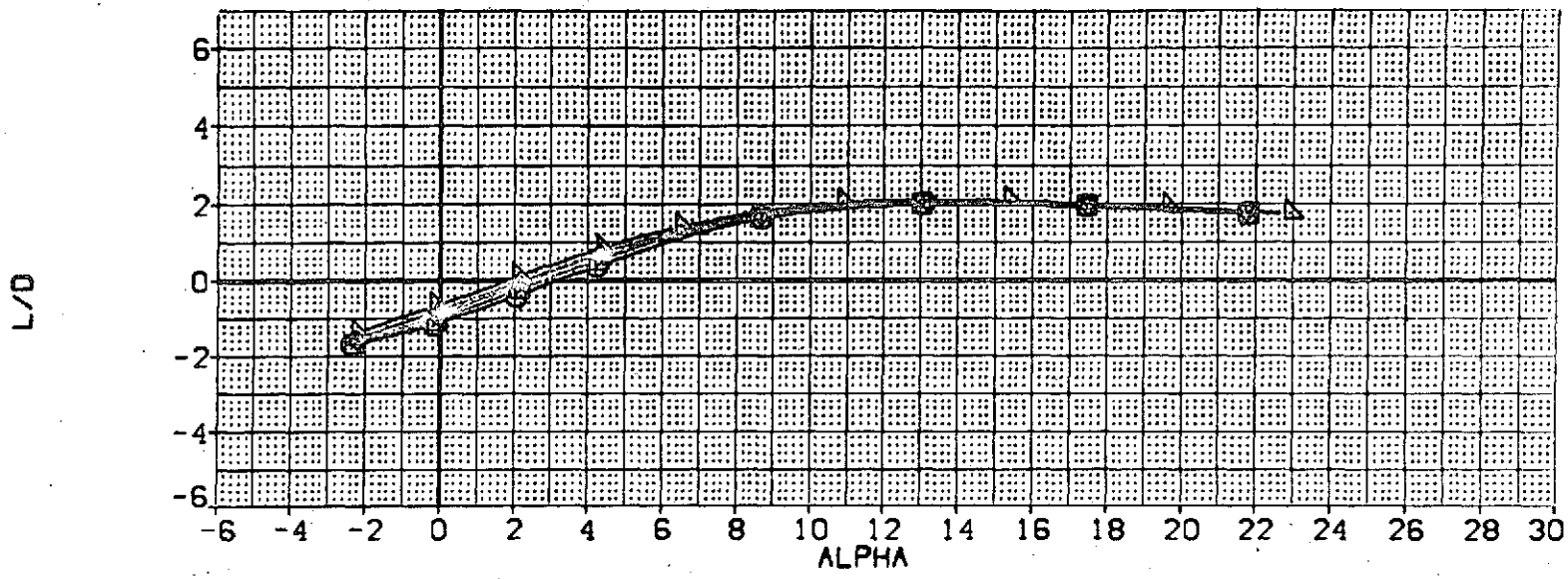


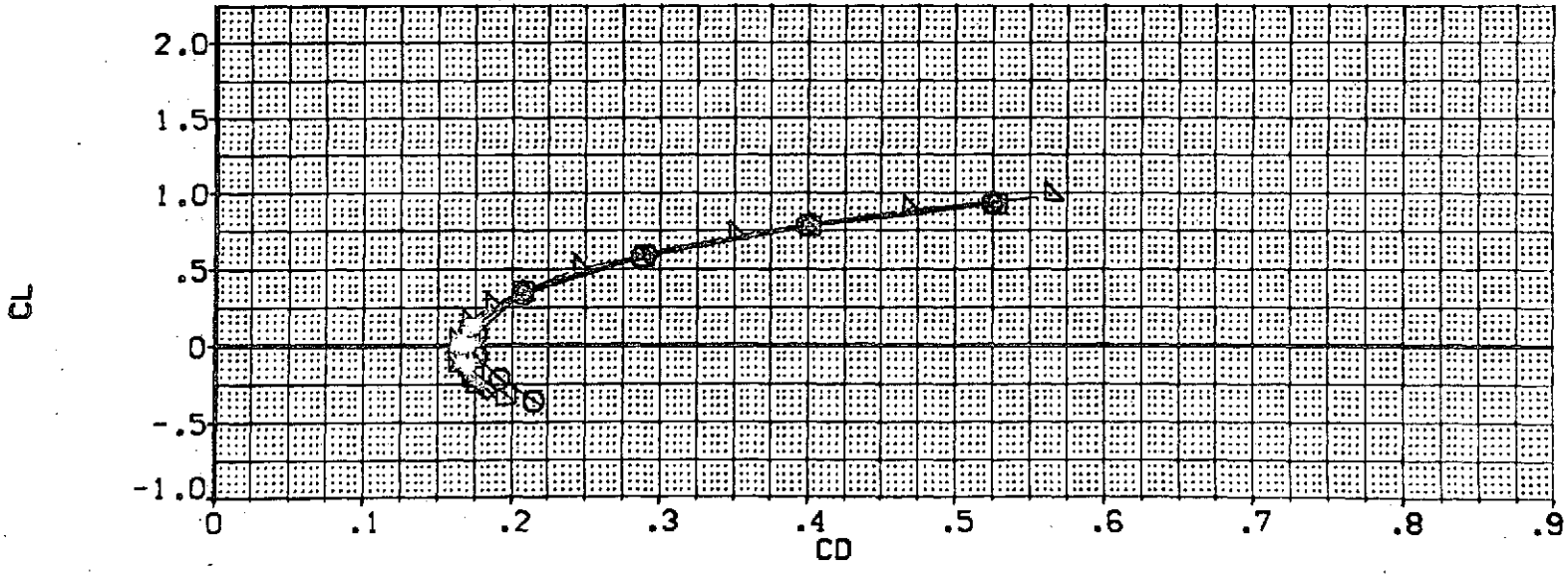
ELEVON EFFECTIVENESS, OUTBOARD PANELS WITH INBOARD PANELS AT -10 DEGREES

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU021)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(DHU020)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(DHU019)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(DHU017)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(DHU010)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



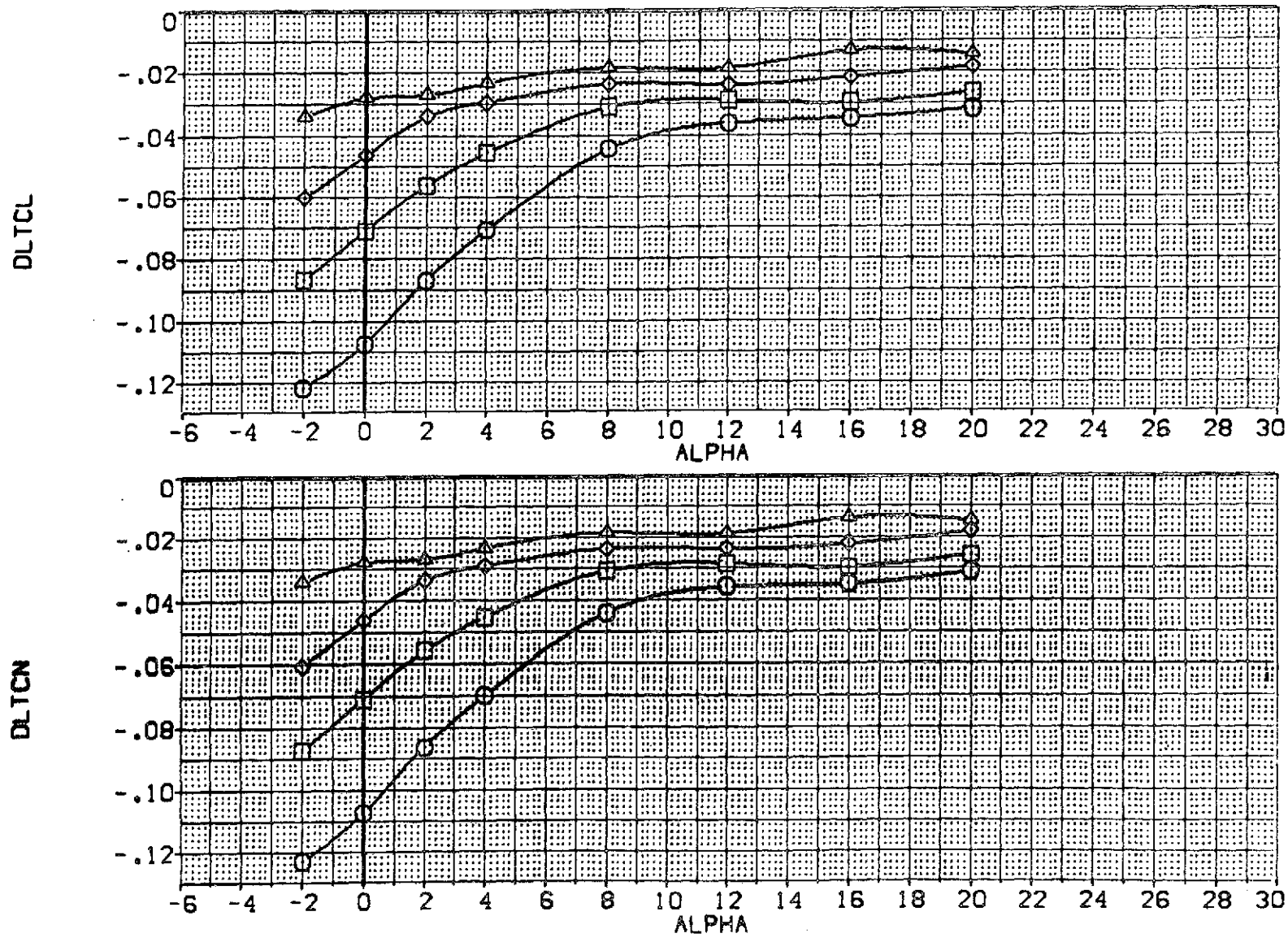


ELEVON EFFECTIVENESS, OUTBOARD PANELS WITH INBOARD PANELS AT -10 DEGREES

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU021)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(EHU020)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(EHU019)	⋈	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(EHU033)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W11GE43)(V8R5)	-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YC
ZMRP	375.0000	IN. ZC
SCALE	.0150	

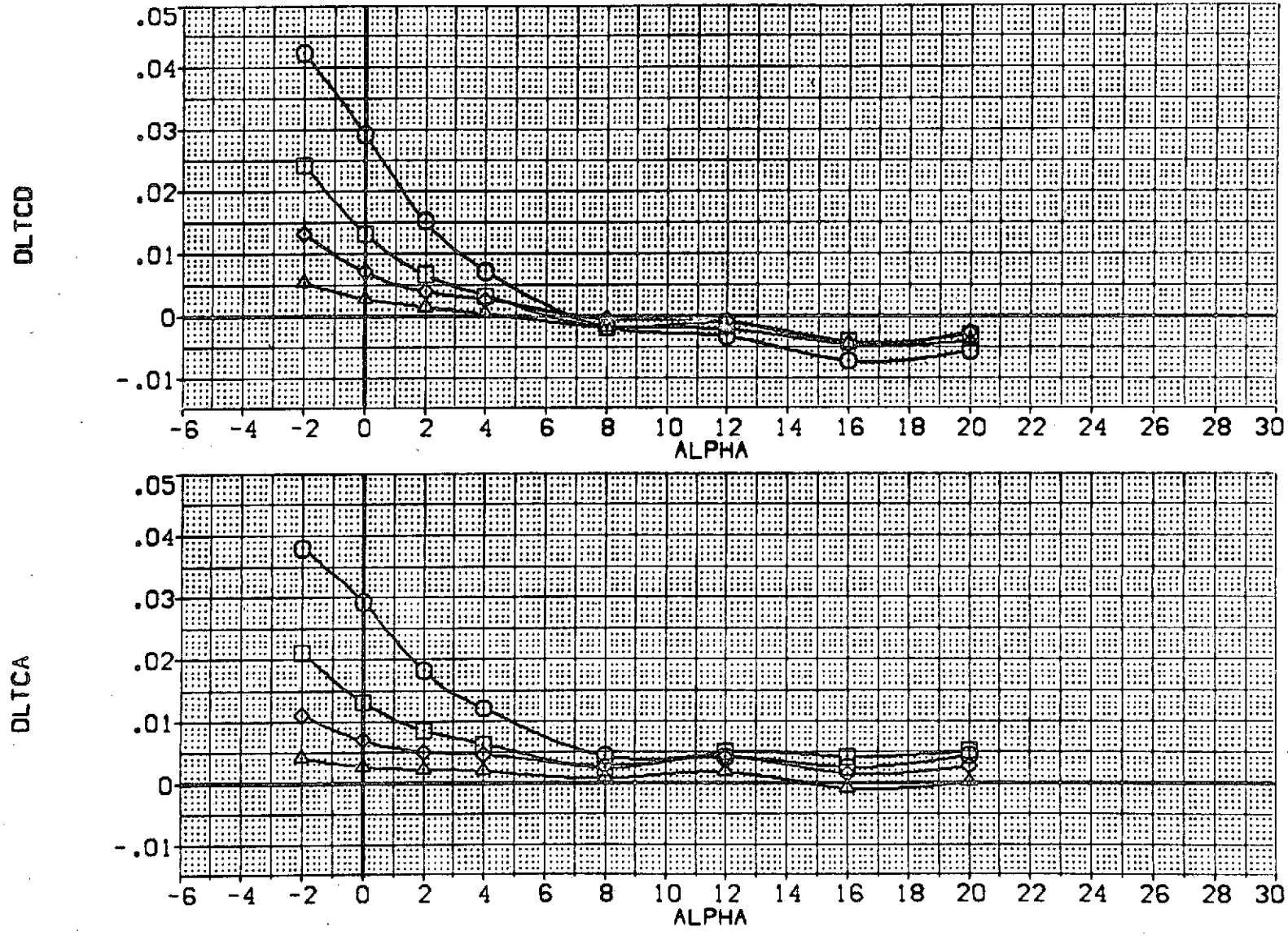


INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS(INBOARD PANELS AT -10 DEG)

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU021)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(EHU020)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(EHU019)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(EHU033)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

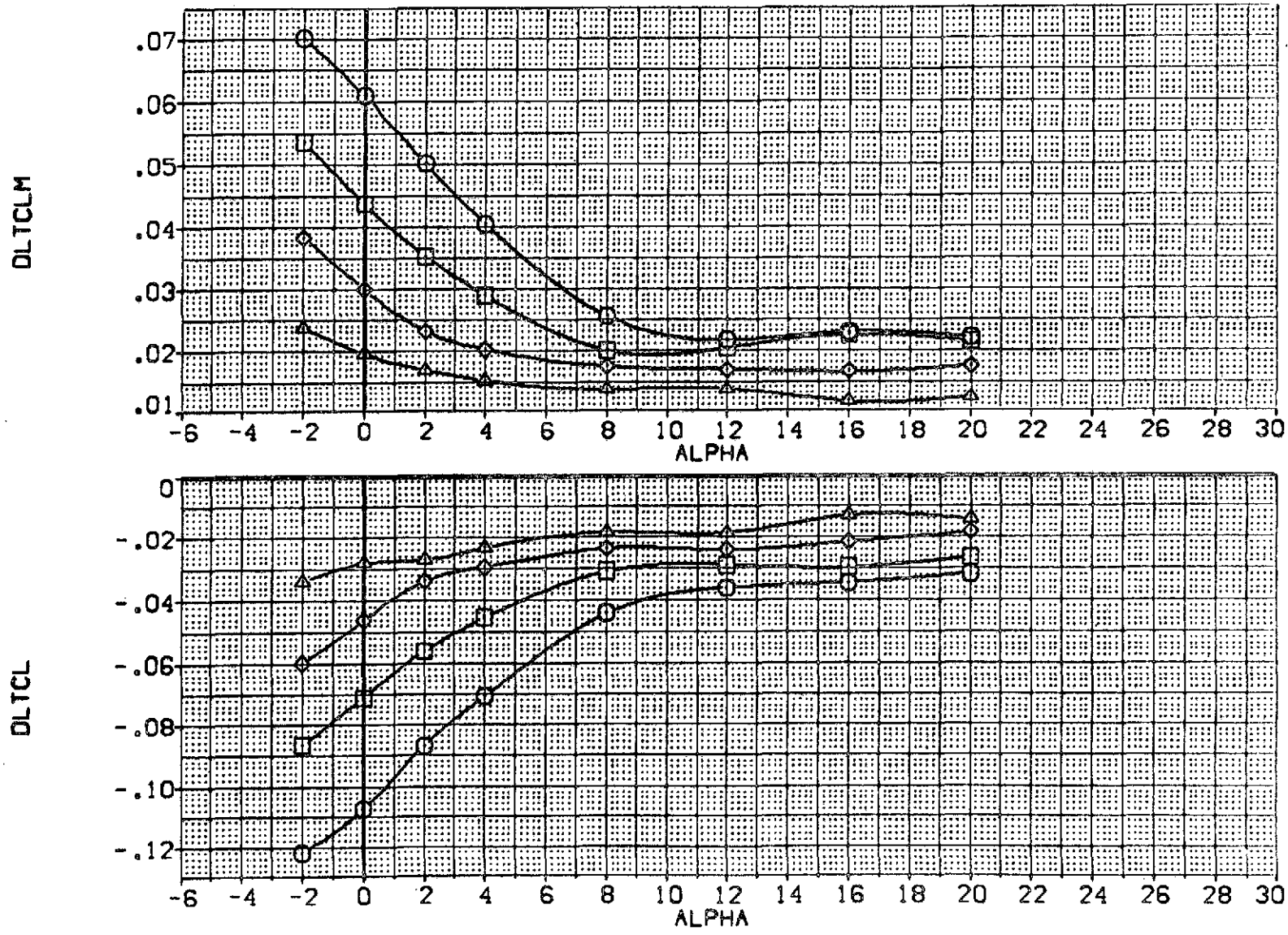


INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS(INBOARD PANELS AT -10 DEG)

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(EHU021)	LARC8-686(0A-116) (826C9F8M16N28)(V1)(6E43)(V6R5)	-40.000	-10.000	-10.000	-40.000
(EHU020)	LARC8-686(0A-116) (826C9F8M16N28)(V1)(6E43)(V6R5)	-30.000	-10.000	-10.000	-30.000
(EHU019)	LARC8-686(0A-116) (826C9F8M16N28)(V1)(6E43)(V6R5)	-20.000	-10.000	-10.000	-20.000
(EHU033)	LARC8-686(0A-116) (826C9F8M16N28)(V1)(6E43)(V6R5)	-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	935.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

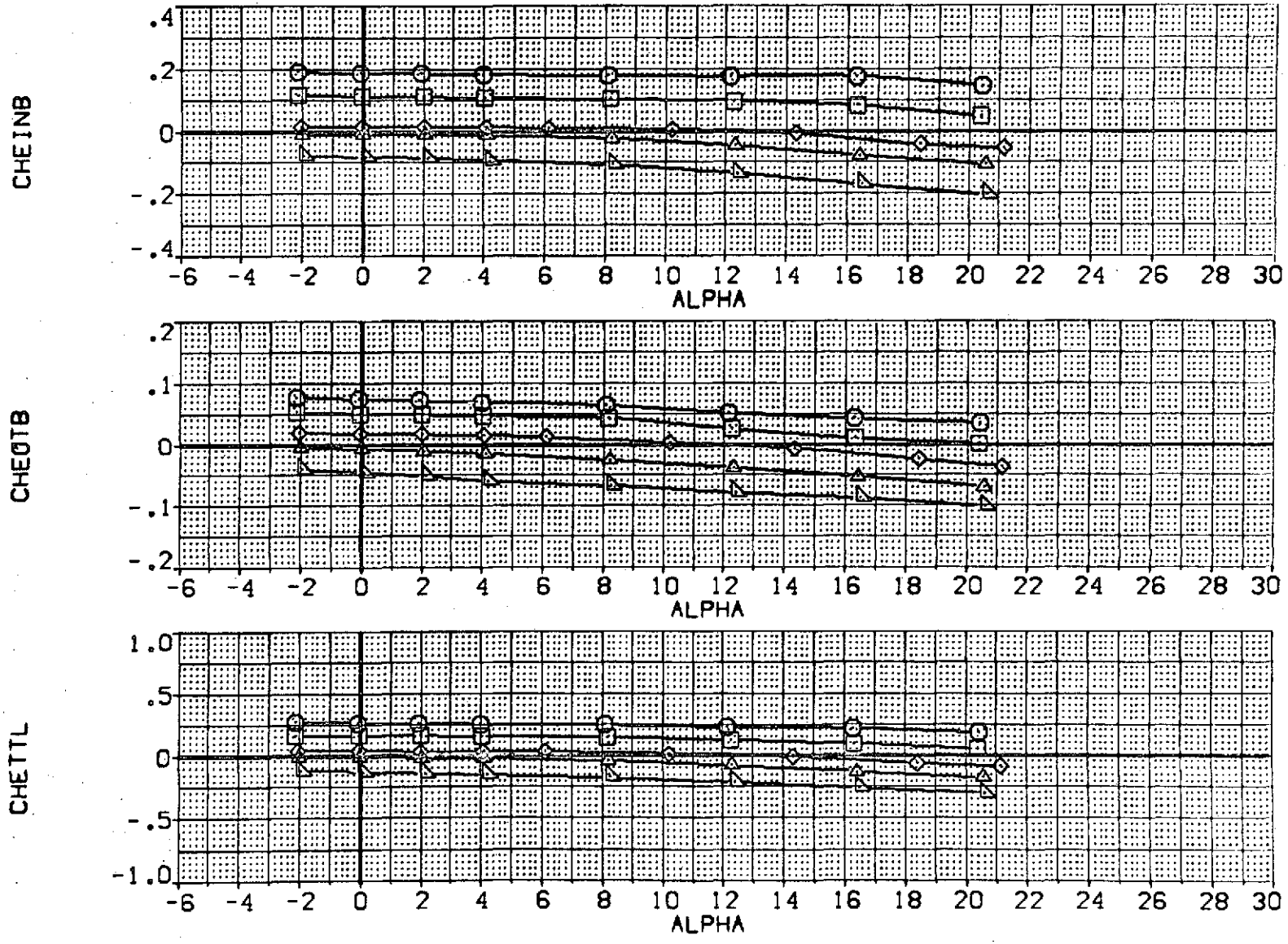


INCREMENTAL DATA DUE TO OUTBOARD ELEVON DEFLECTIONS(INBOARD PANELS AT -10 DEG)

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU018)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(FHU017)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(FHU001)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(FHU015)	⋈	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(FHU016)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

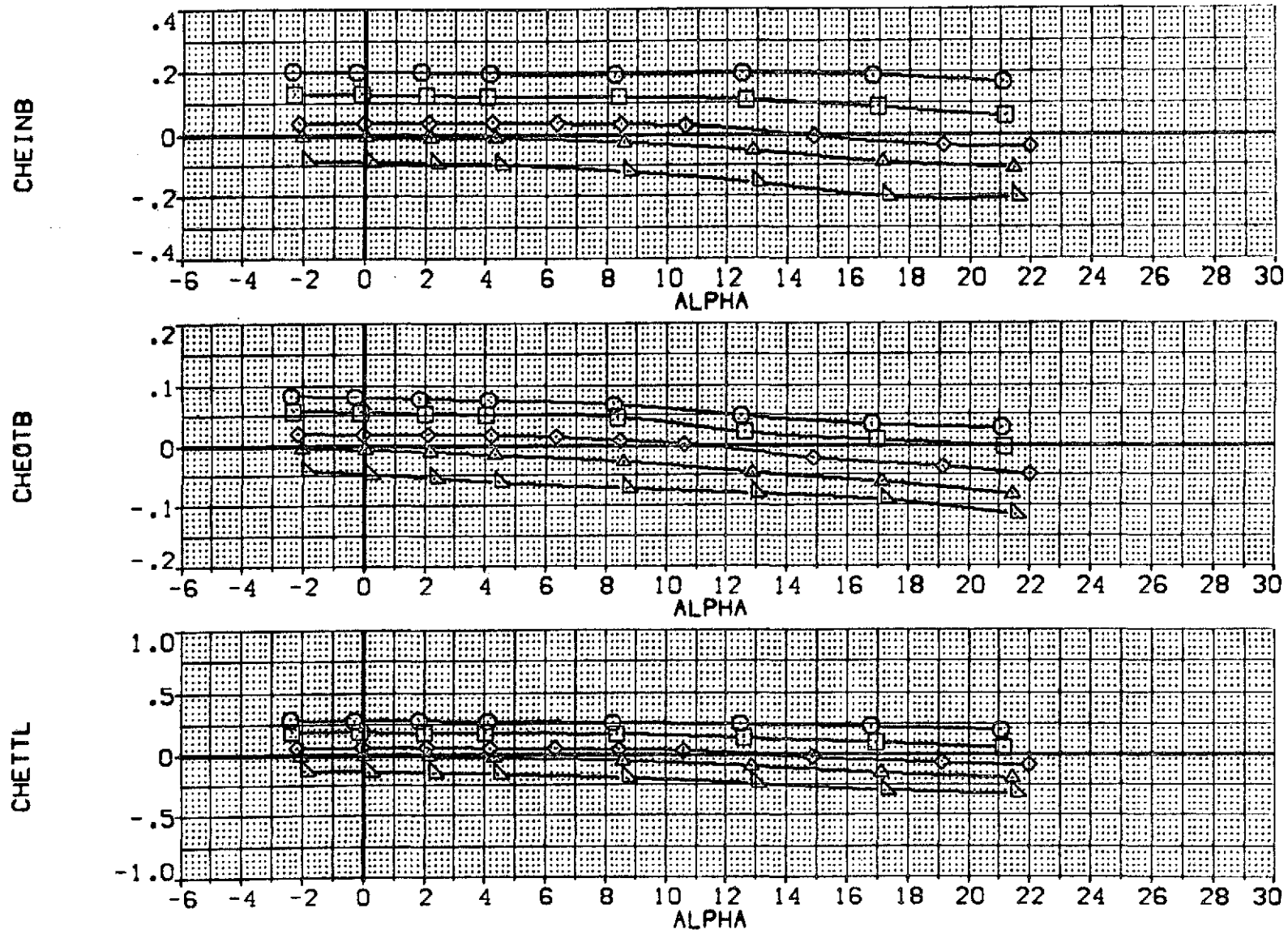


HINGE MOMENT COEFFICIENTS, FULL SPAN DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHJ018)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(FHJ017)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(FHJ001)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(FHJ015)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	10.000	10.000	10.000	10.000
(FHJ016)	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

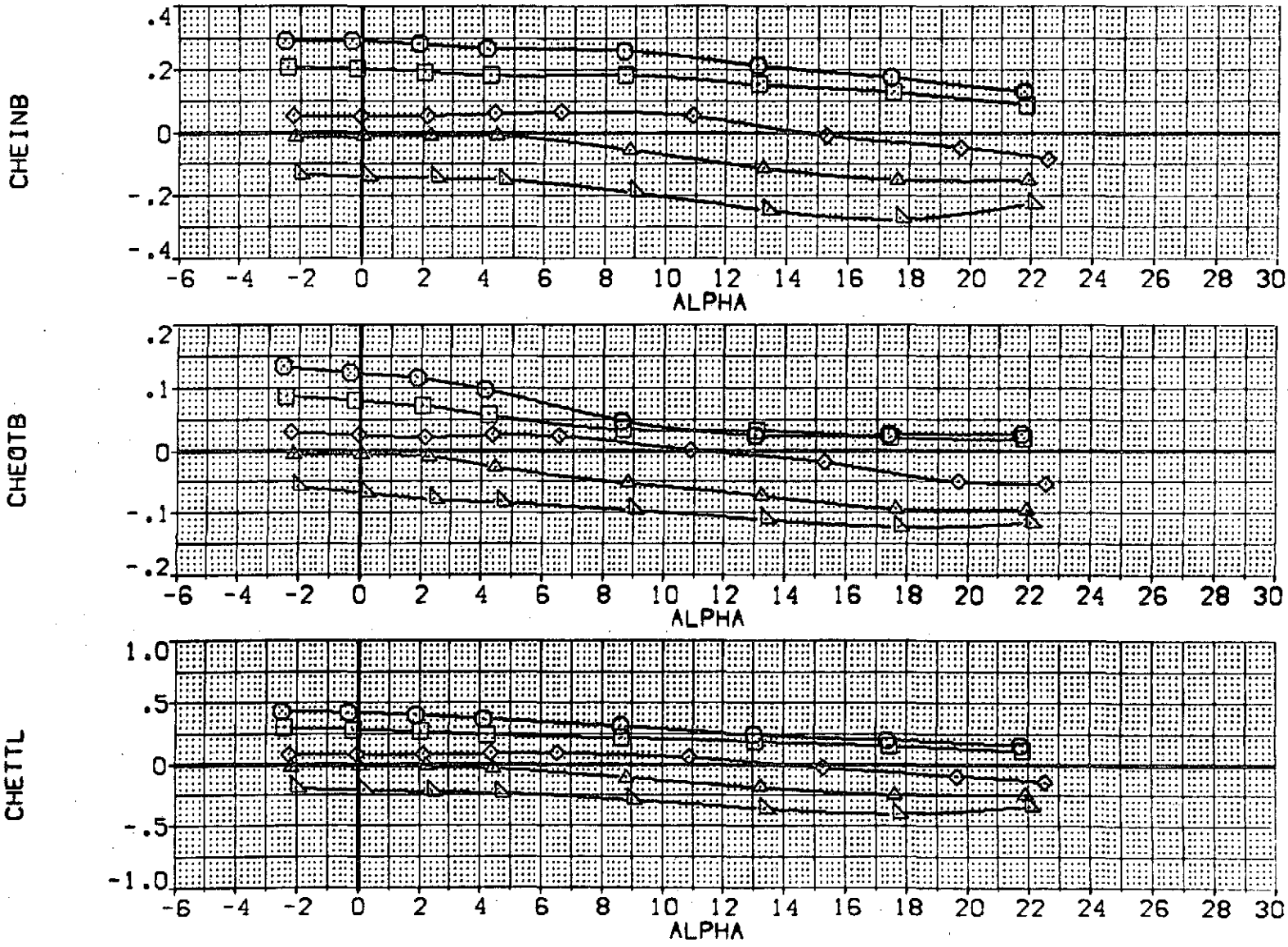


HINGE MOMENT COEFFICIENTS, FULL SPAN DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU018)	□	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(FHU017)	⊡	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(FHU001)	◇	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(FHU015)	◁	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(FHU016)	△	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

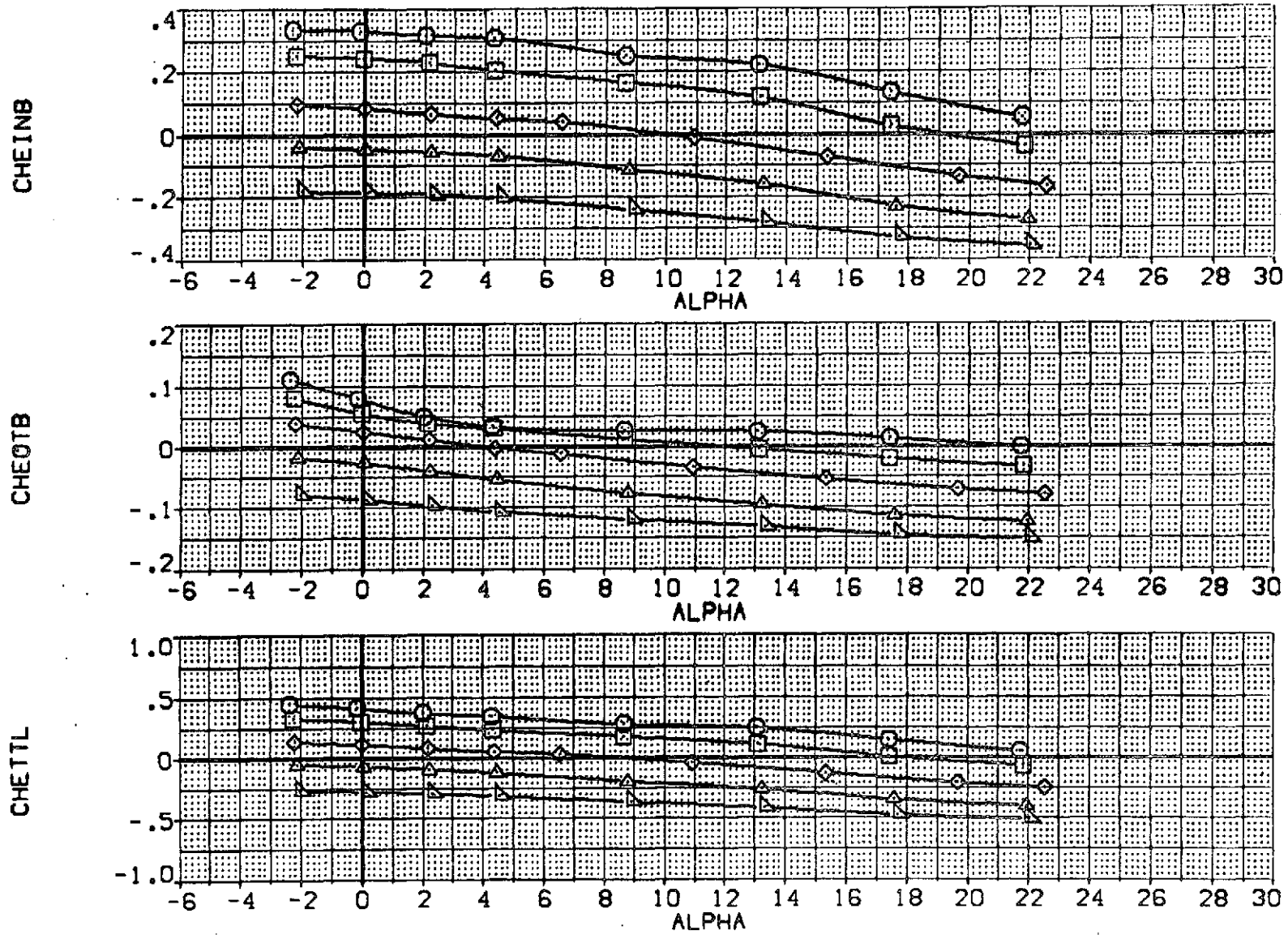


HINGE MOMENT COEFFICIENTS, FULL SPAN DEFLECTIONS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU018)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	-20.000	-20.000
(FHU017)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(FHU001)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(FHU015)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	10.000	10.000
(FHU016)		LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

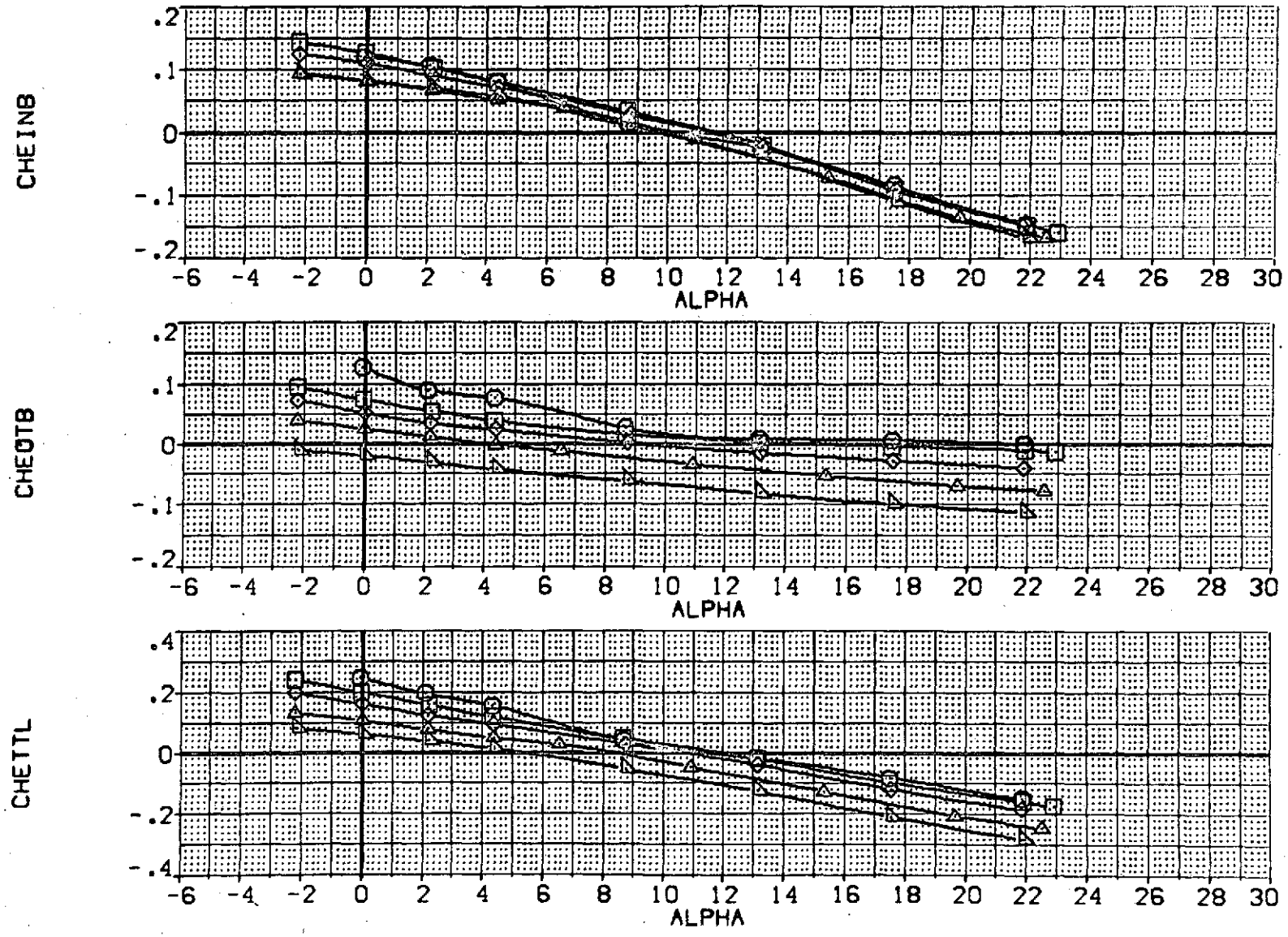


HINGE MOMENT COEFFICIENTS, FULL SPAN DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU014)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-40.000	.000	.000	-40.000
(FHU013)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-20.000	.000	.000	-20.000
(FHU012)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	-10.000	.000	.000	-10.000
(FHU001)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	.000	.000	.000	.000
(FHU011)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



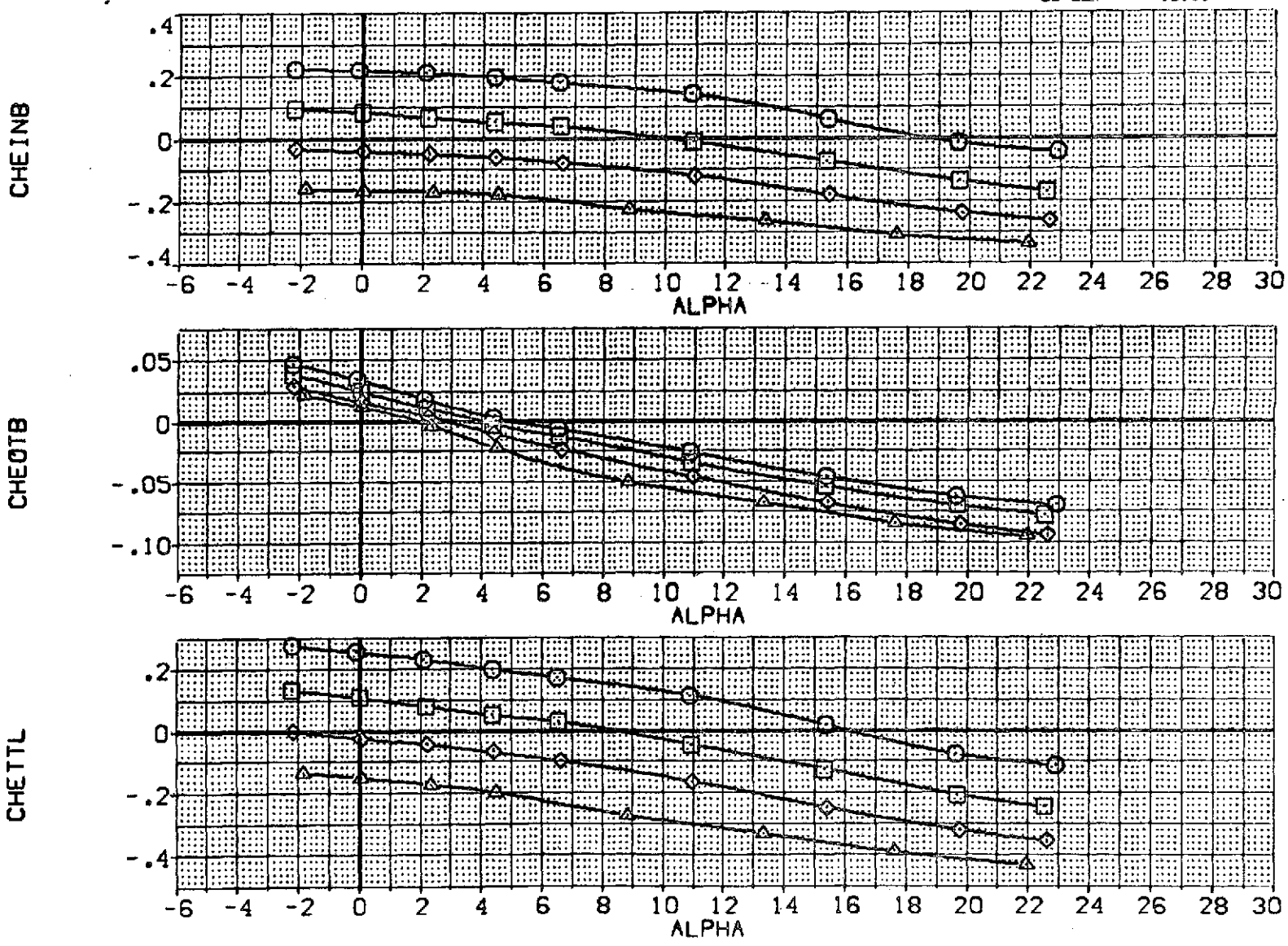
HINGE MOMENT COEFFICIENTS. OUTBOARD PANEL DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU010)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	-10.000	-10.000	.000
(FHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(FHU008)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	10.000	10.000	.000
(FHU009)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	20.000	20.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

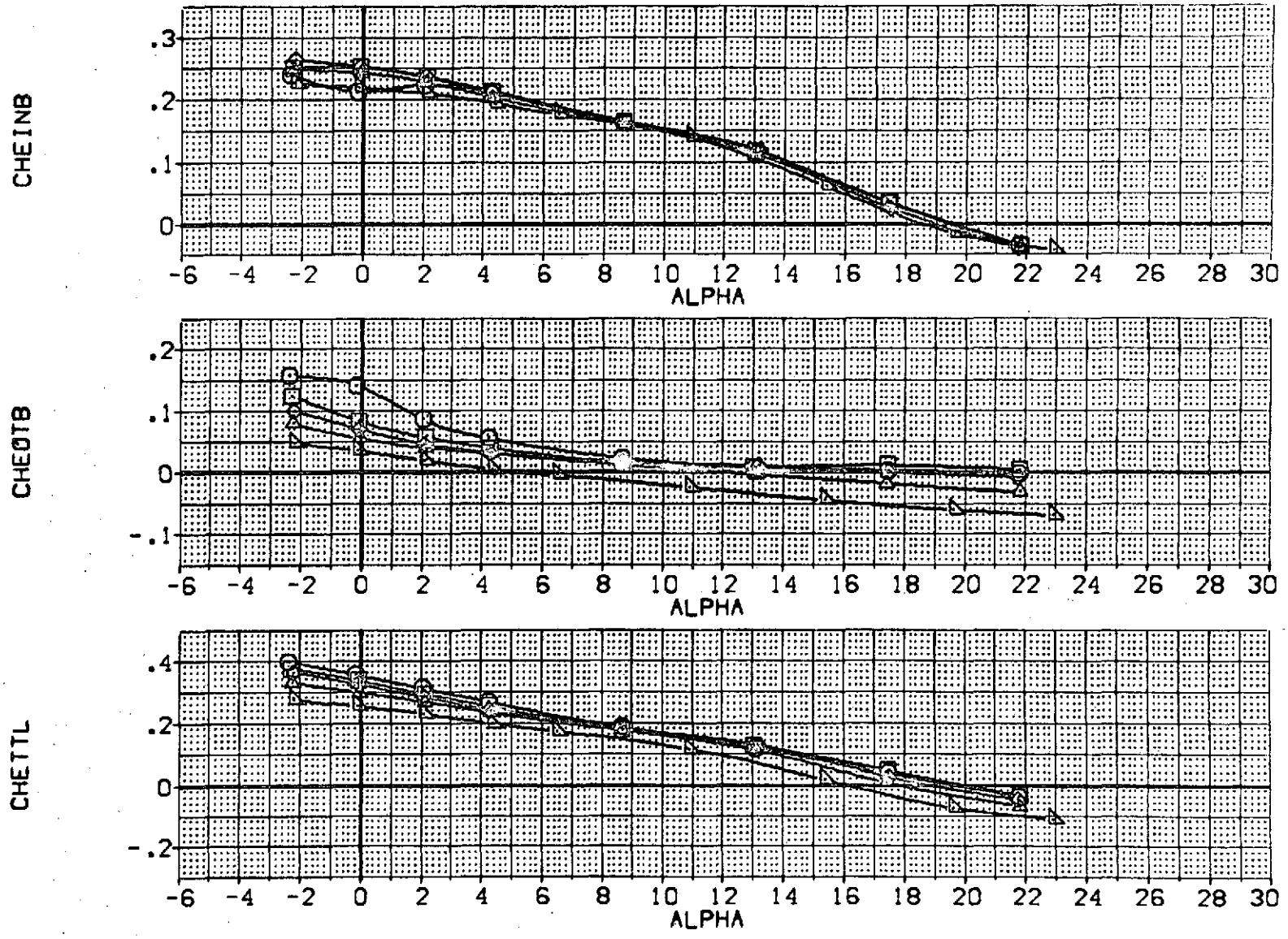


HINGE MOMENT COEFFICIENTS, INBOARD PANEL DEFLECTIONS ONLY

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(FHU021)	○	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	-40.000	-10.000	-10.000	-40.000
(FHU020)	□	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	-30.000	-10.000	-10.000	-30.000
(FHU019)	◇	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	-20.000	-10.000	-10.000	-20.000
(FHU017)	▽	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(FHU010)	△	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

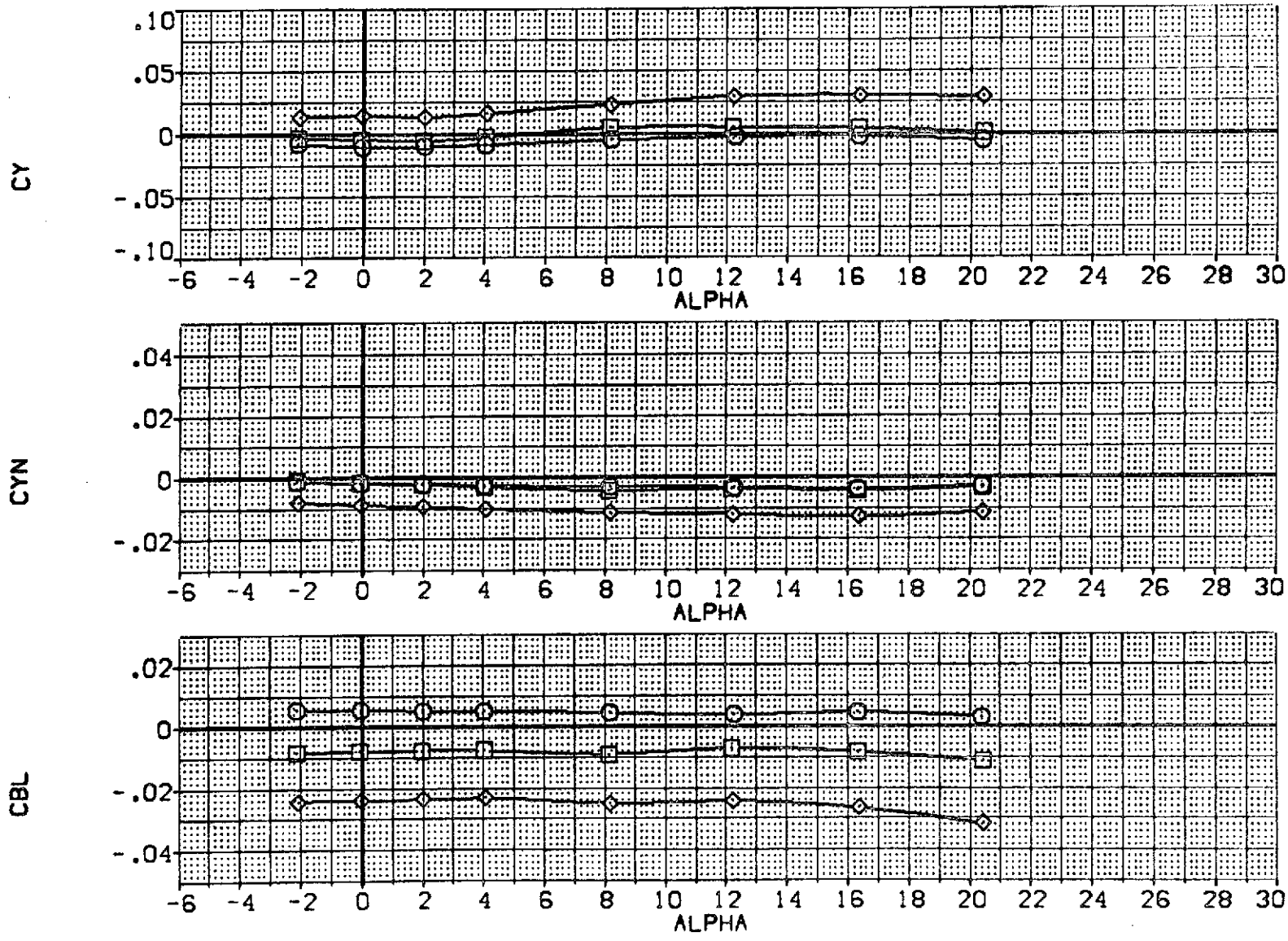


HINGE MOMENT COEFFICIENTS, OUTBOARD PANEL DEFLECTIONS (INBOARD PANELS AT-10 DEG)

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
[RHU017] ○	LARC8-686[0A-116] [826C9F8M16N28][V116E43][V8R5]	-10.000	-10.000	-10.000	-10.000
[RHU027] □	LARC8-686[0A-116] [826C9F8M16N28][V116E43][V8R5]	-20.000	-10.000	-10.000	.000
[RHU032] ◇	LARC8-686[0A-116] [826C9F8M16N28][V116E43][V8R5]	-20.000	-20.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



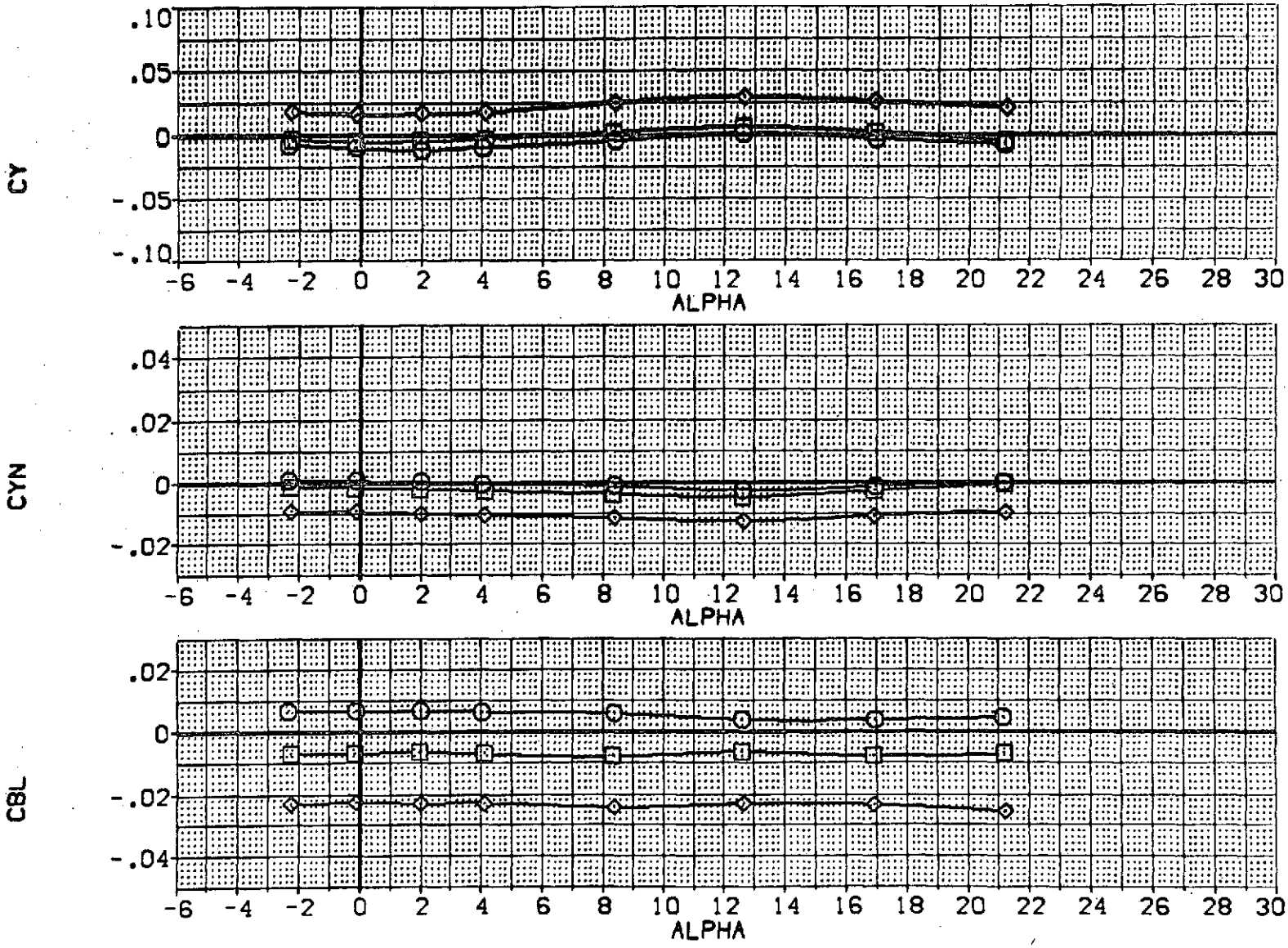
EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU017)	○	LARC8-686(0A-116) (B26C9F8M16N20)(W)16E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(RHU027)	□	LARC8-686(0A-116) (B26C9F8M16N20)(W)16E43)(V8R5)	-20.000	-10.000	-10.000	.000
(RHU032)	◇	LARC8-686(0A-116) (B26C9F8M16N20)(W)16E43)(V8R5)	-20.000	-20.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



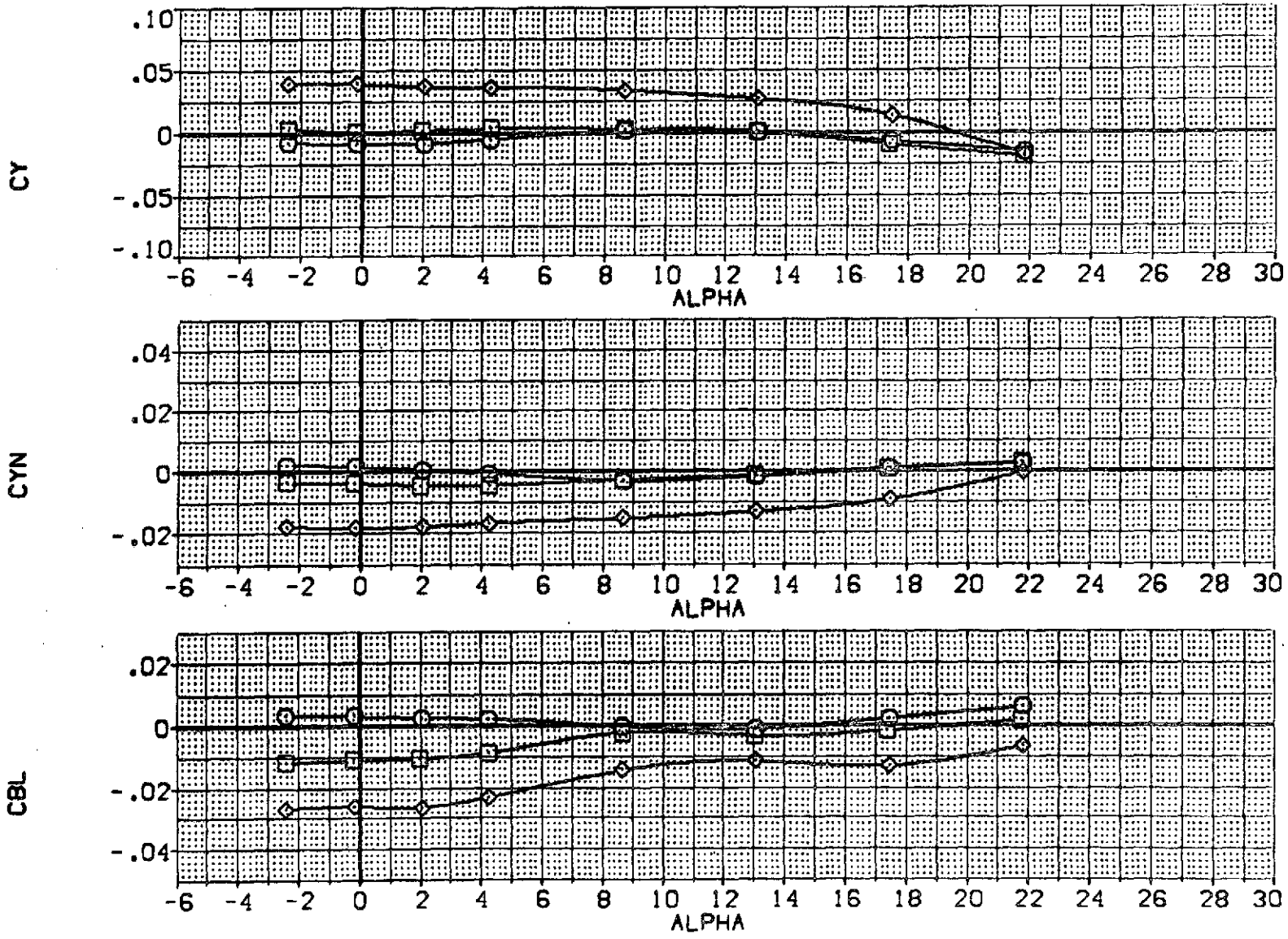
EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU017)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(RHU027)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-10.000	-10.000	.000
(RHU032)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



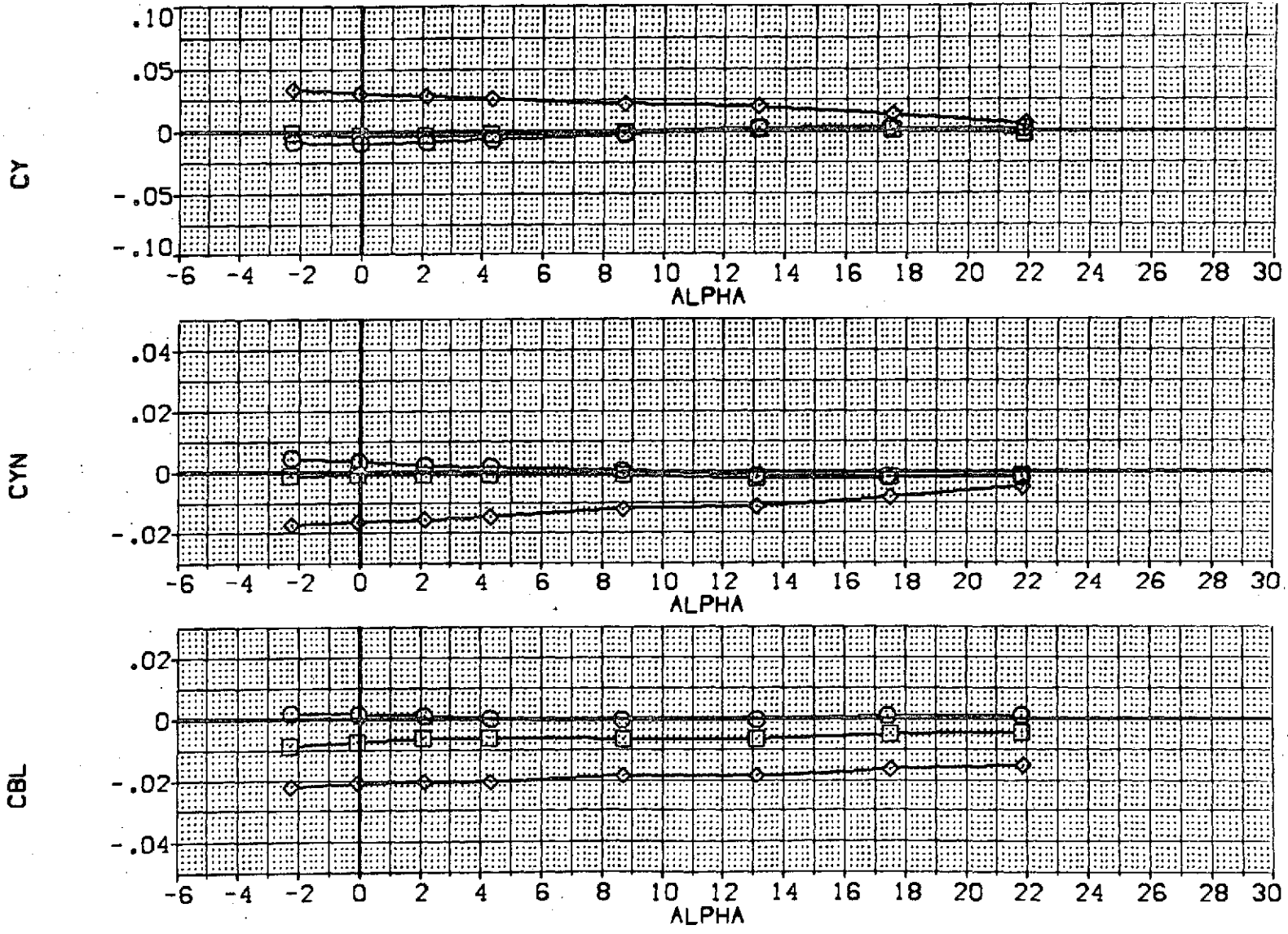
EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU017)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	-10.000	-10.000
(RHU027)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-10.000	-10.000	.000
(RHU032)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-20.000	-20.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

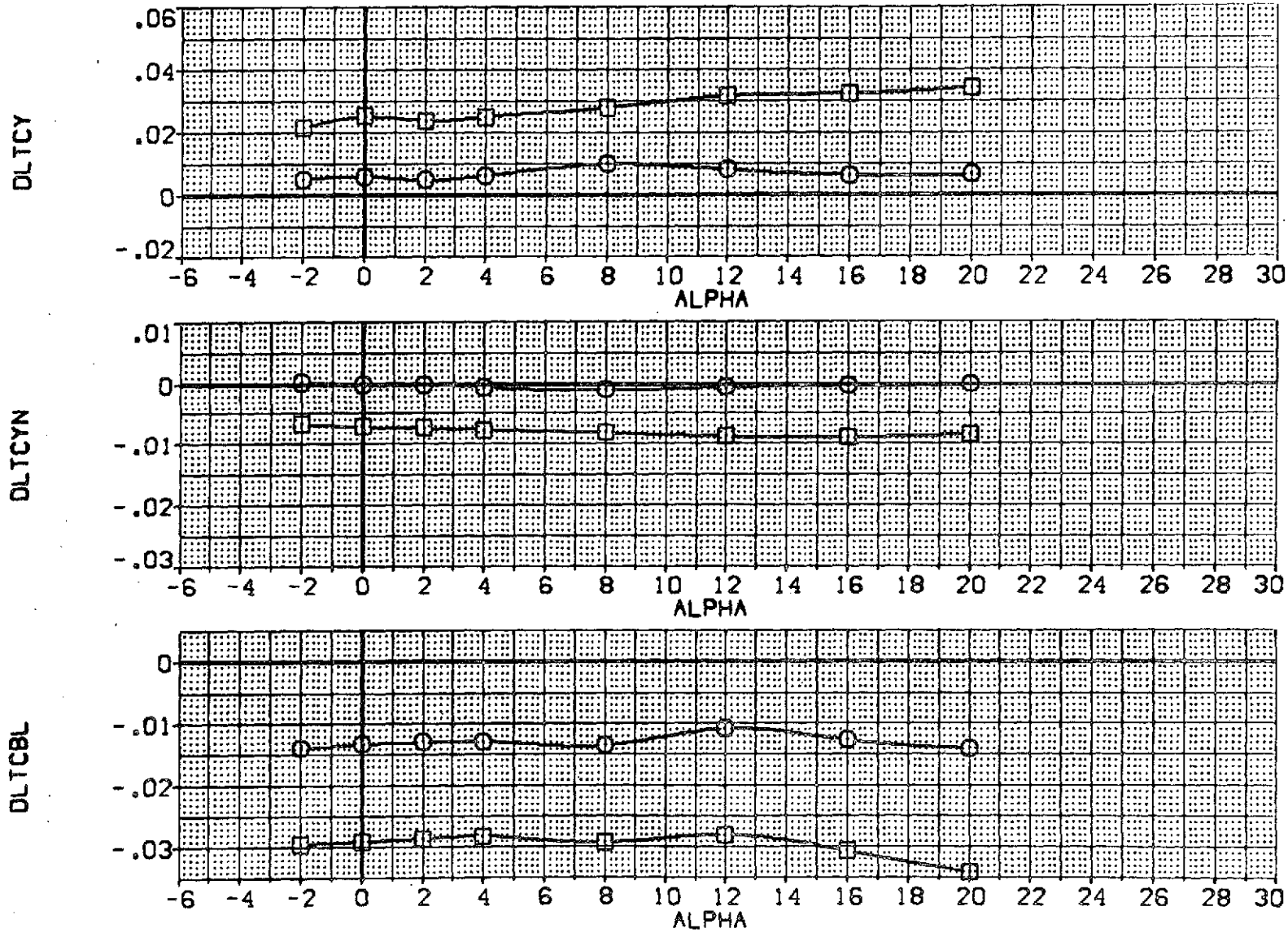


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

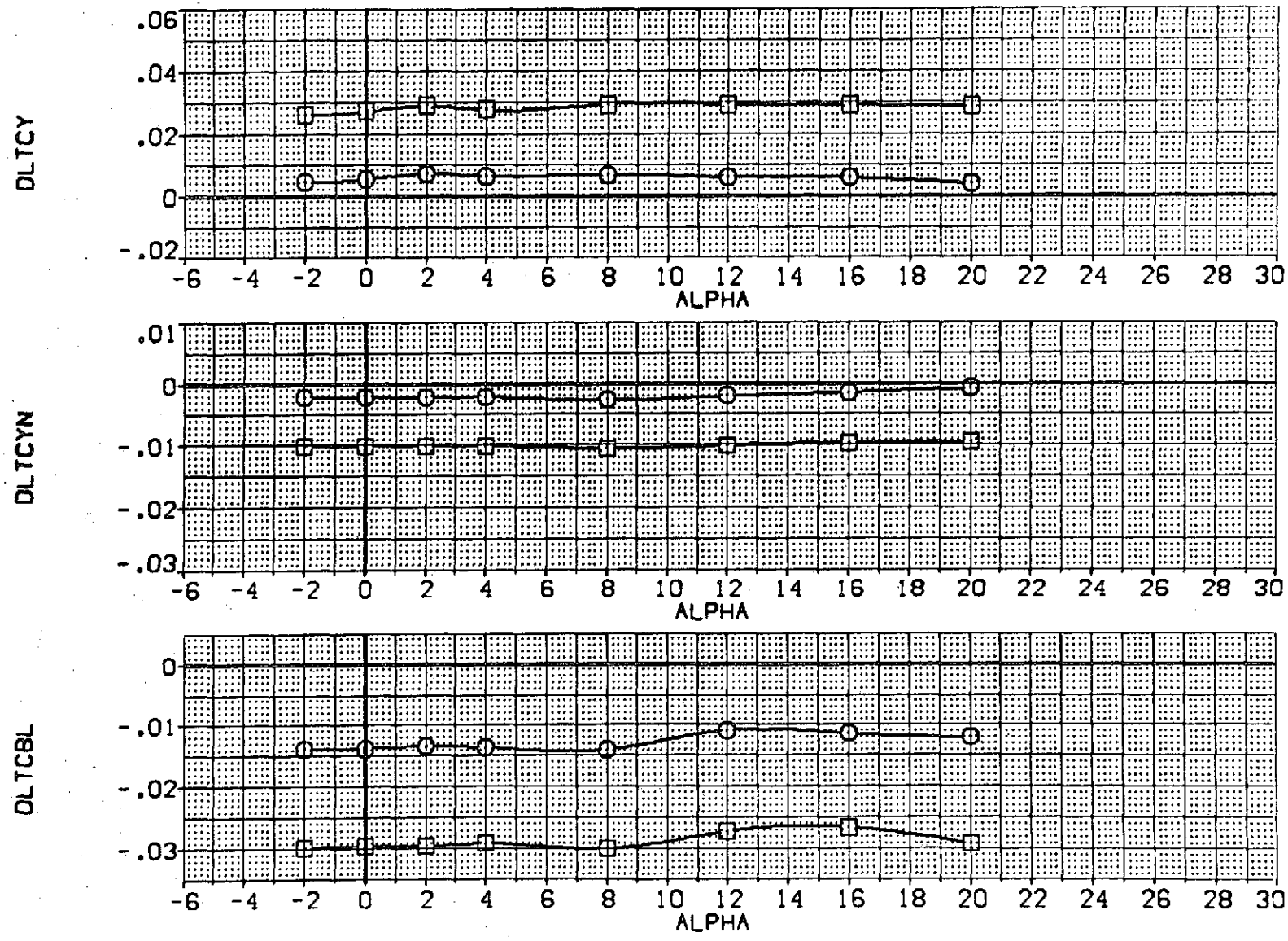


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

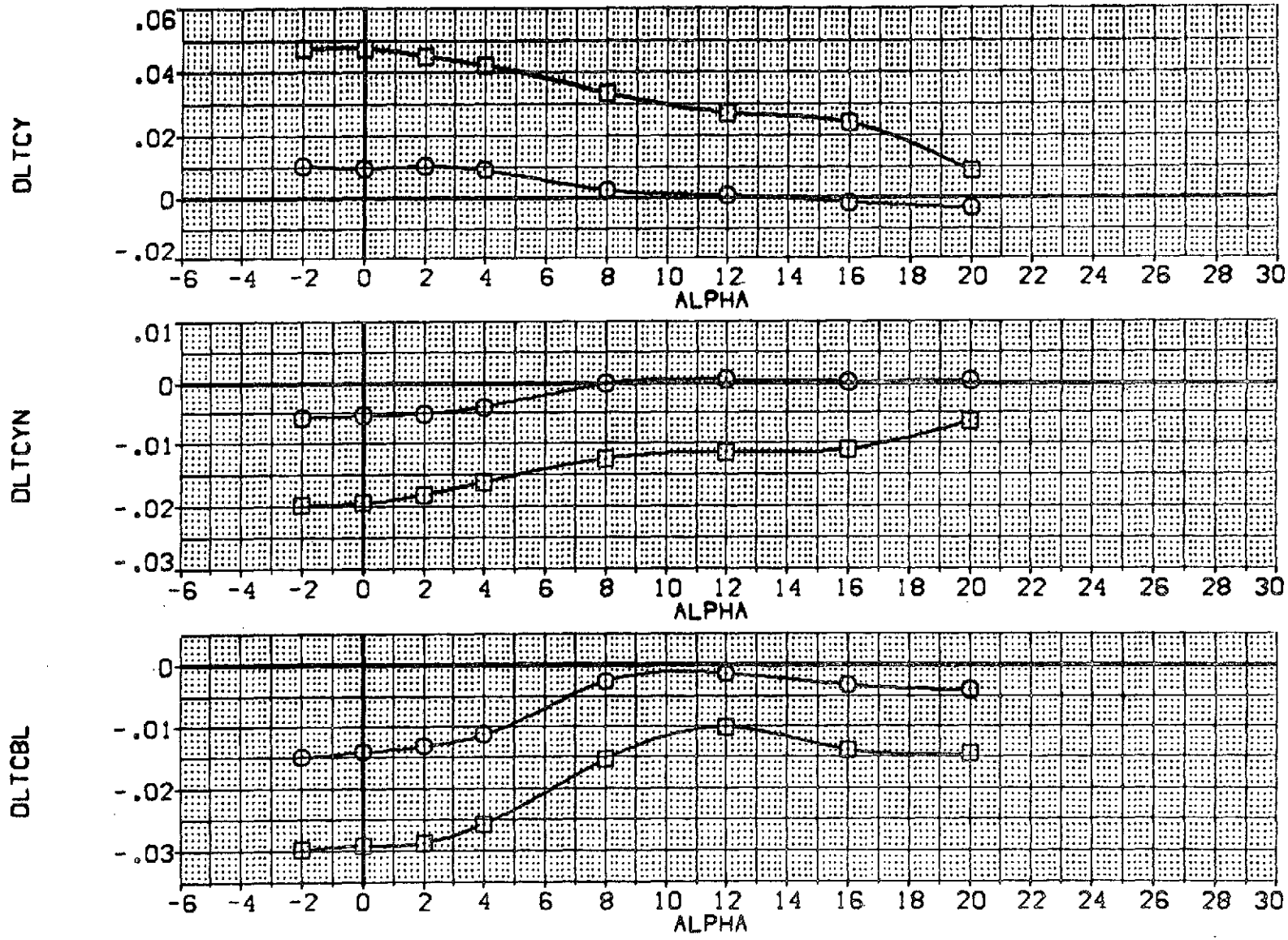


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

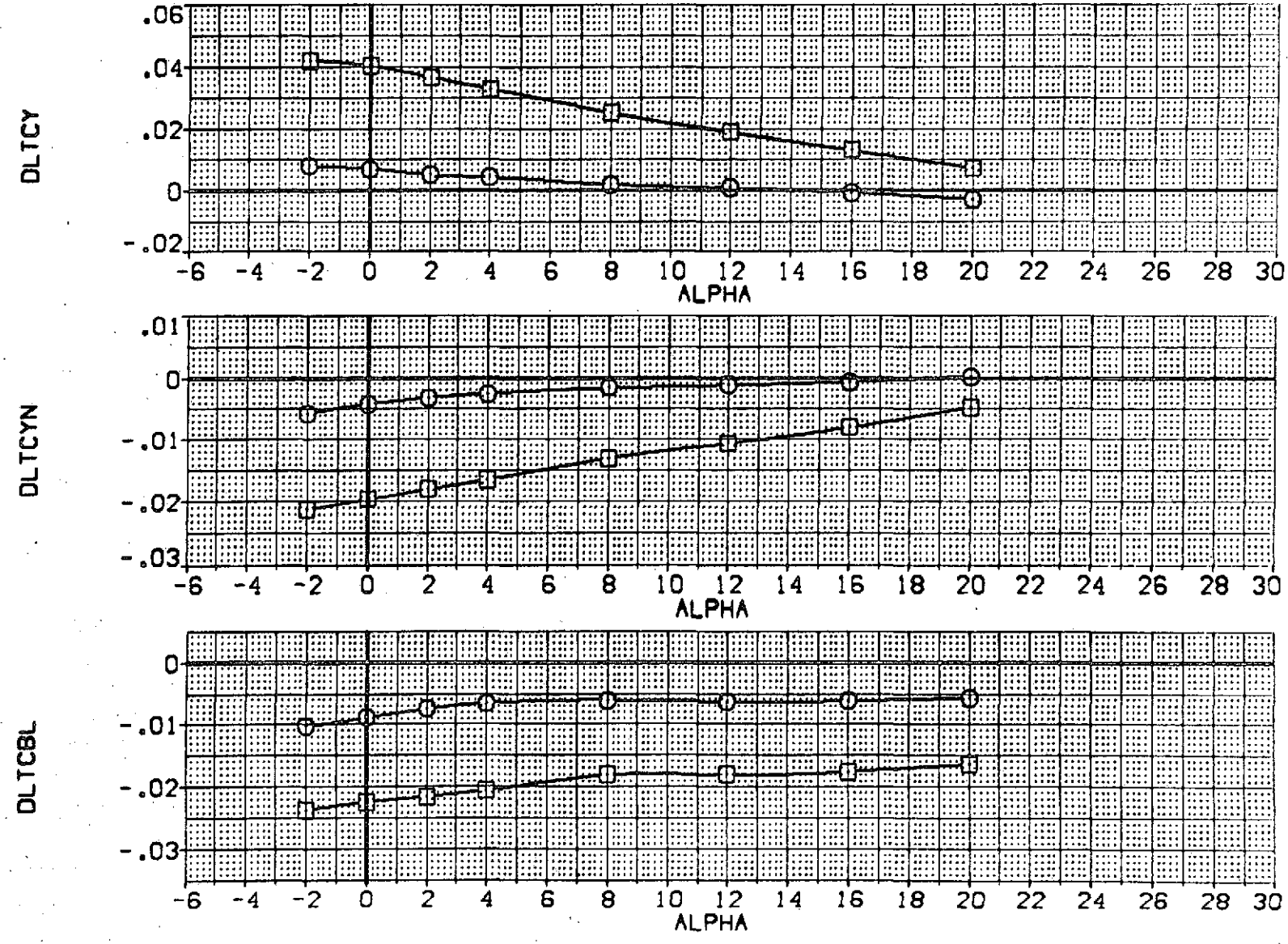


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (826C9FBM16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

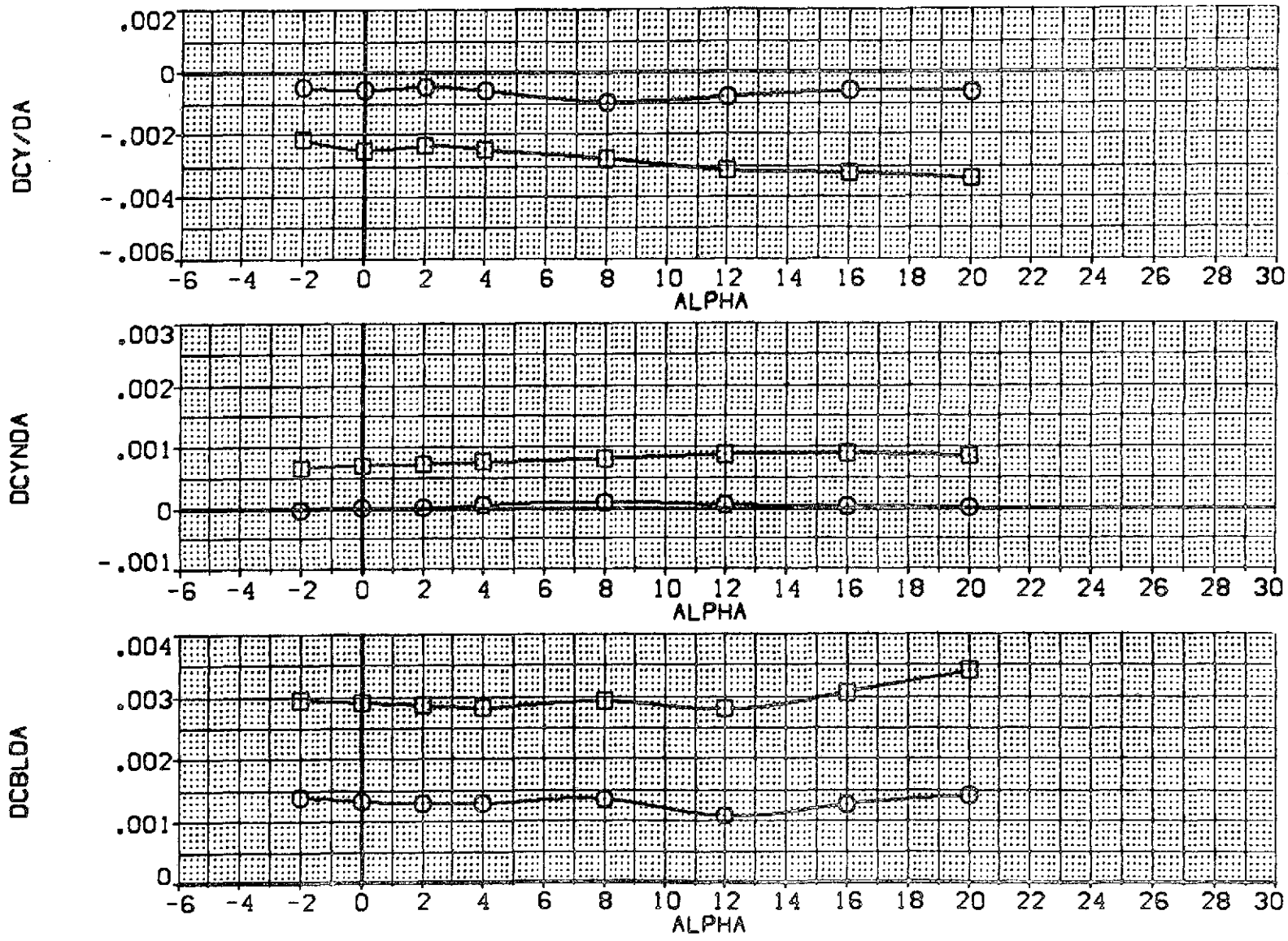


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

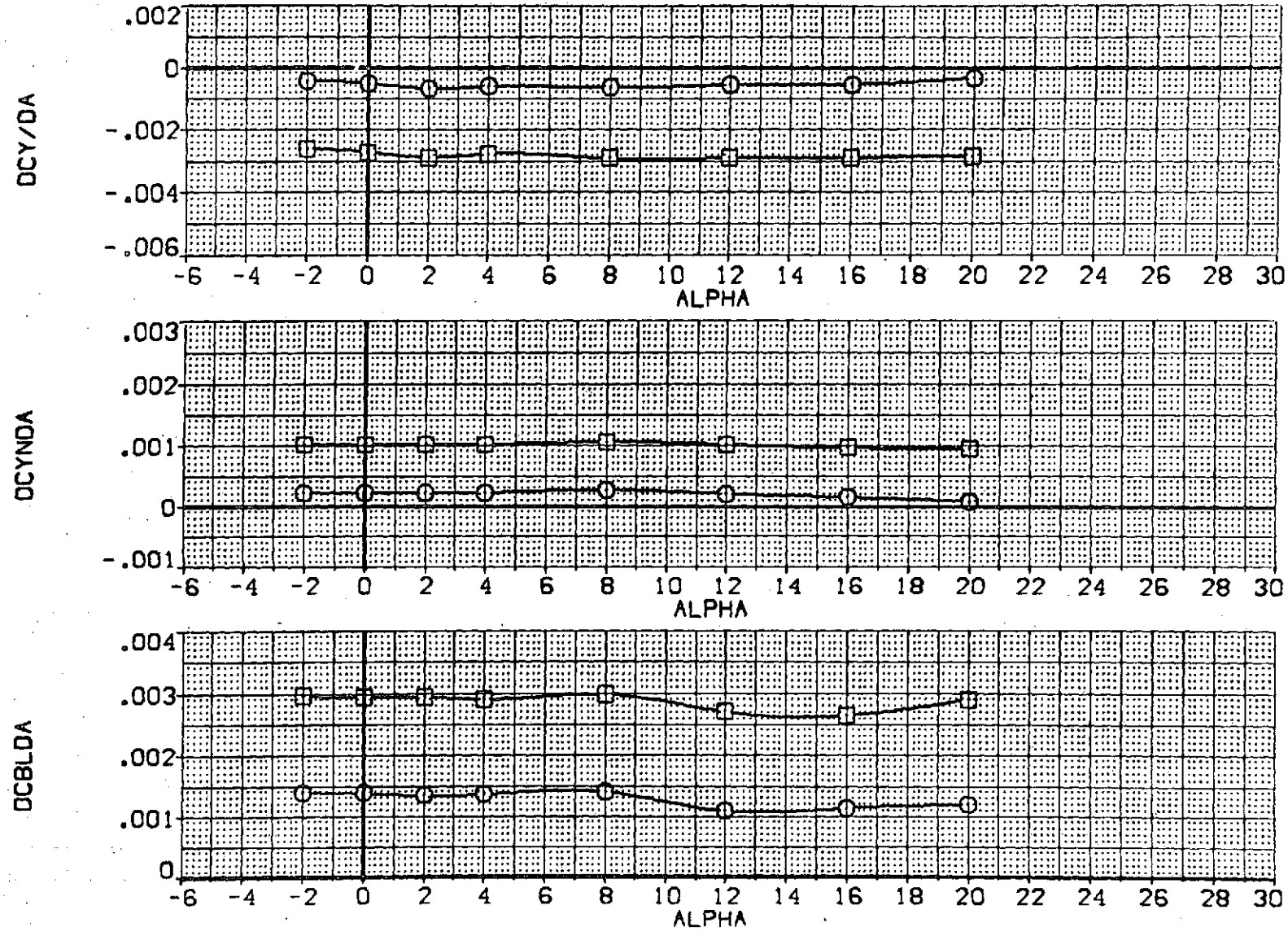


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

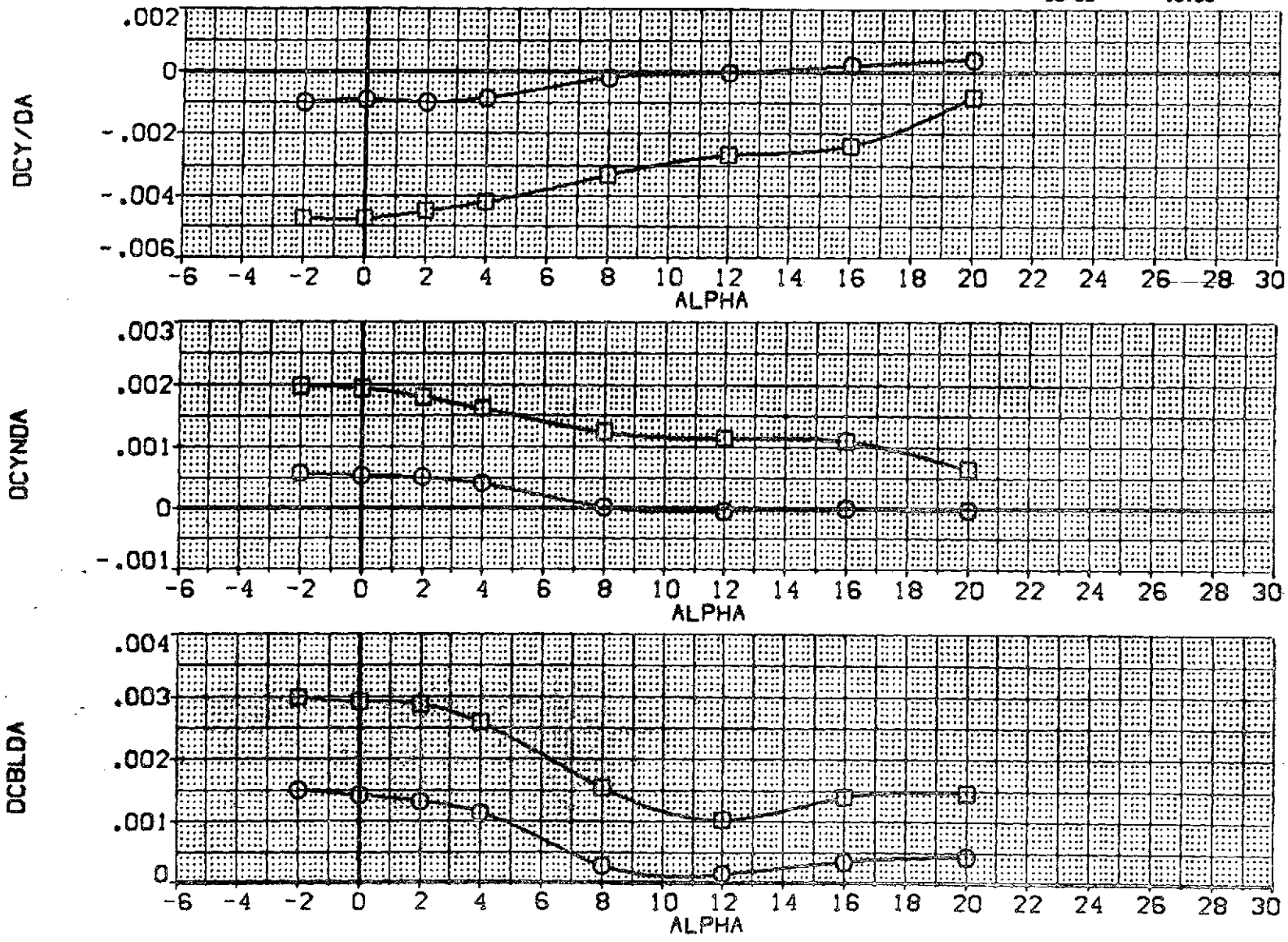


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

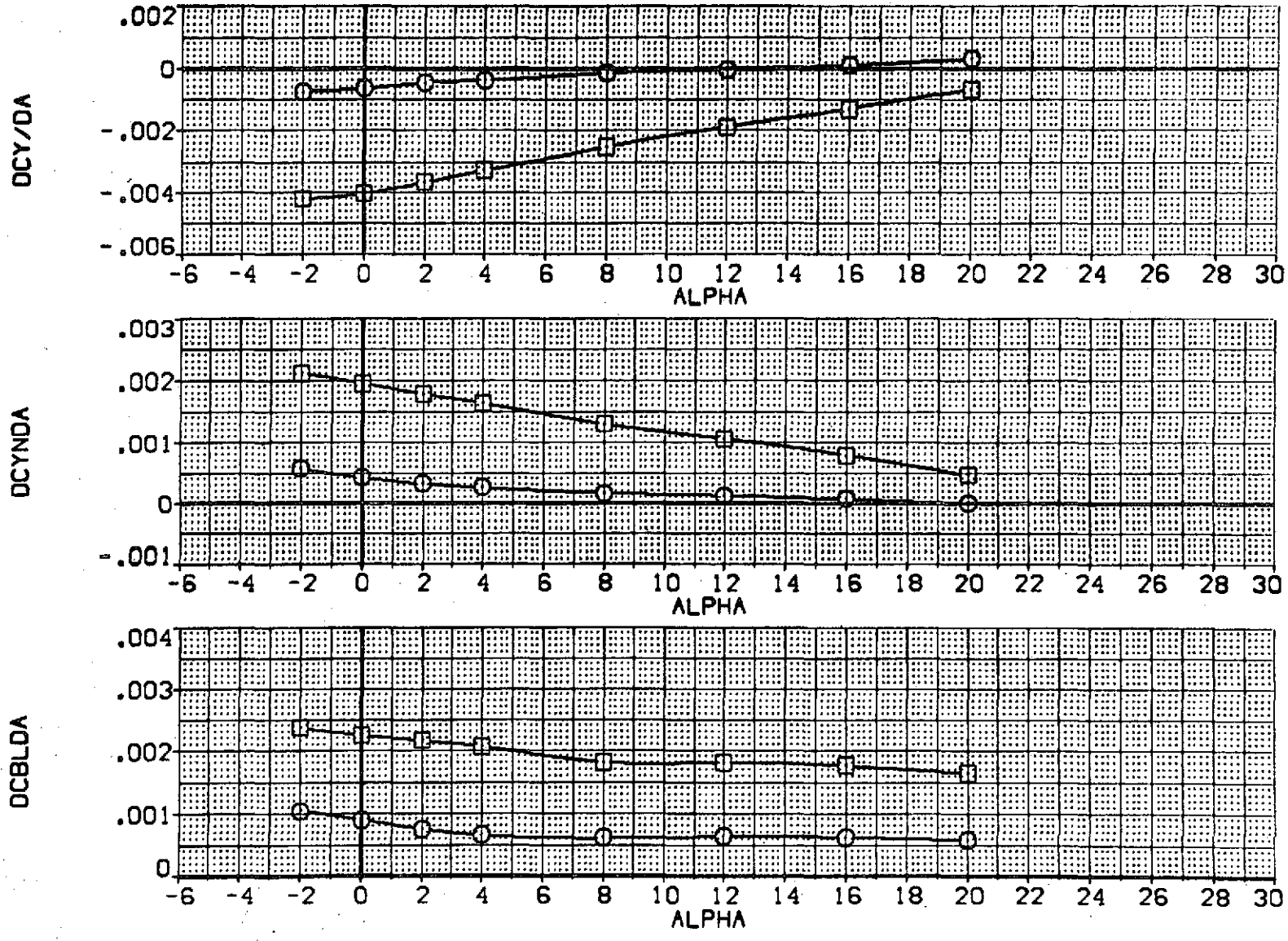


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

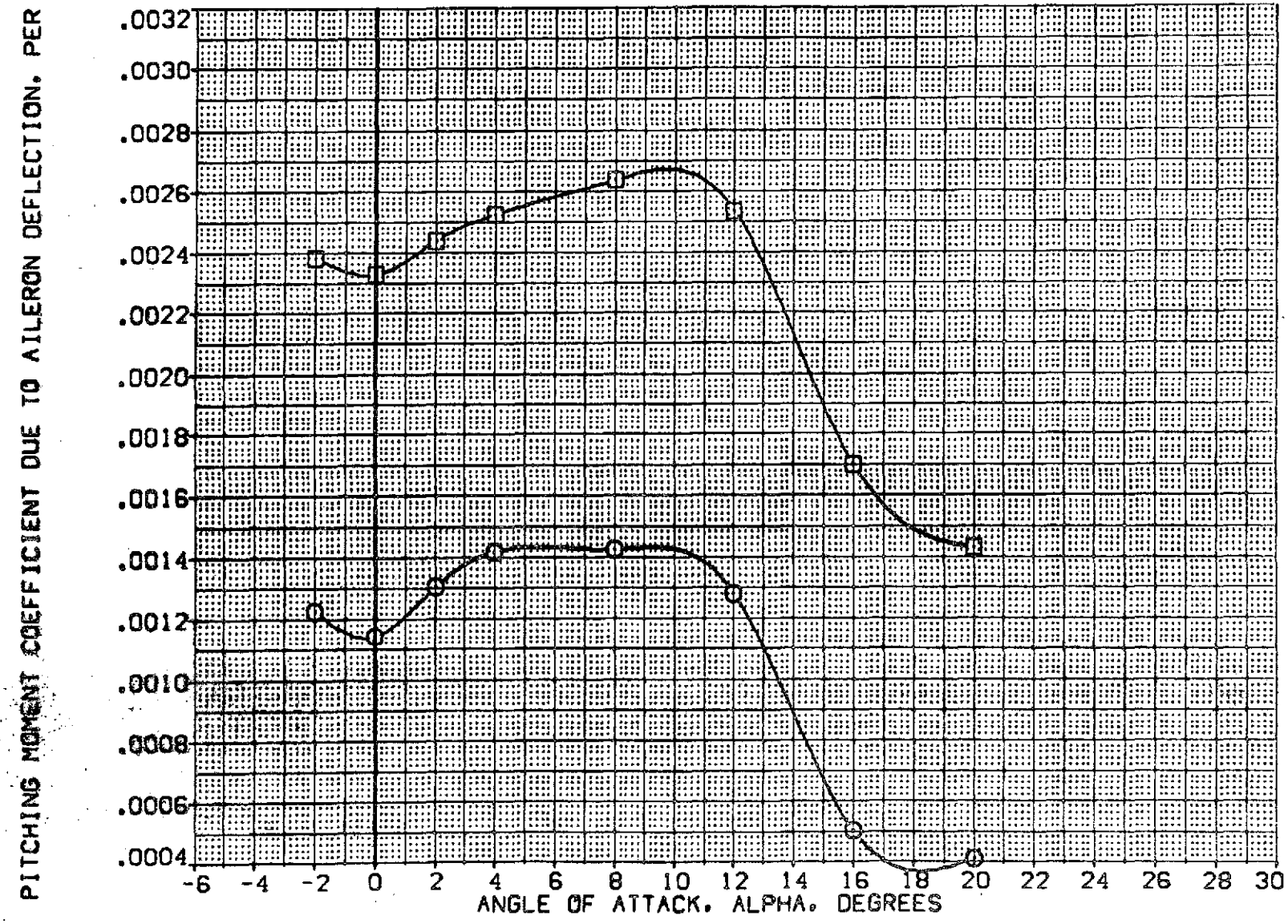


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

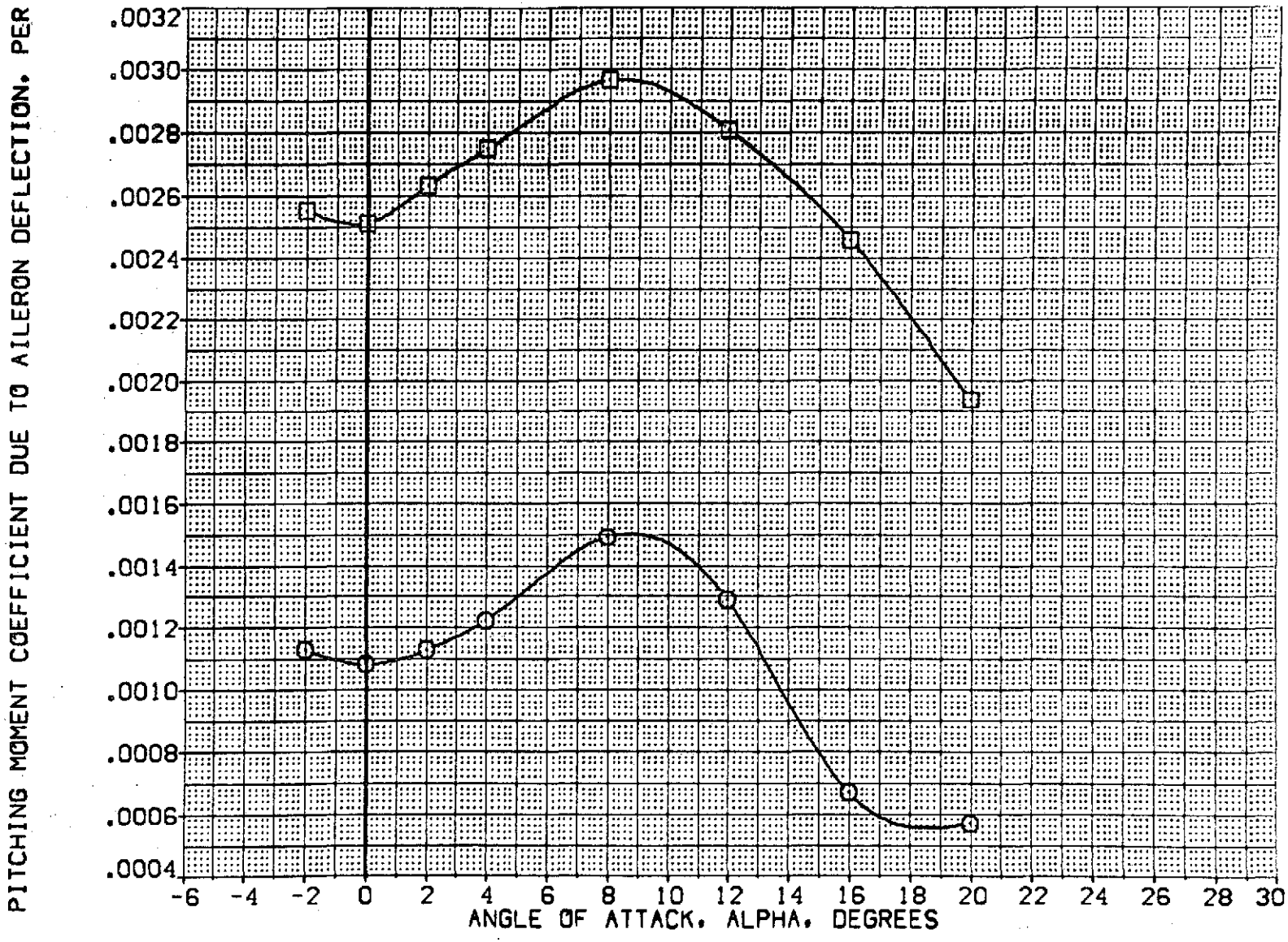


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027)	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032)	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

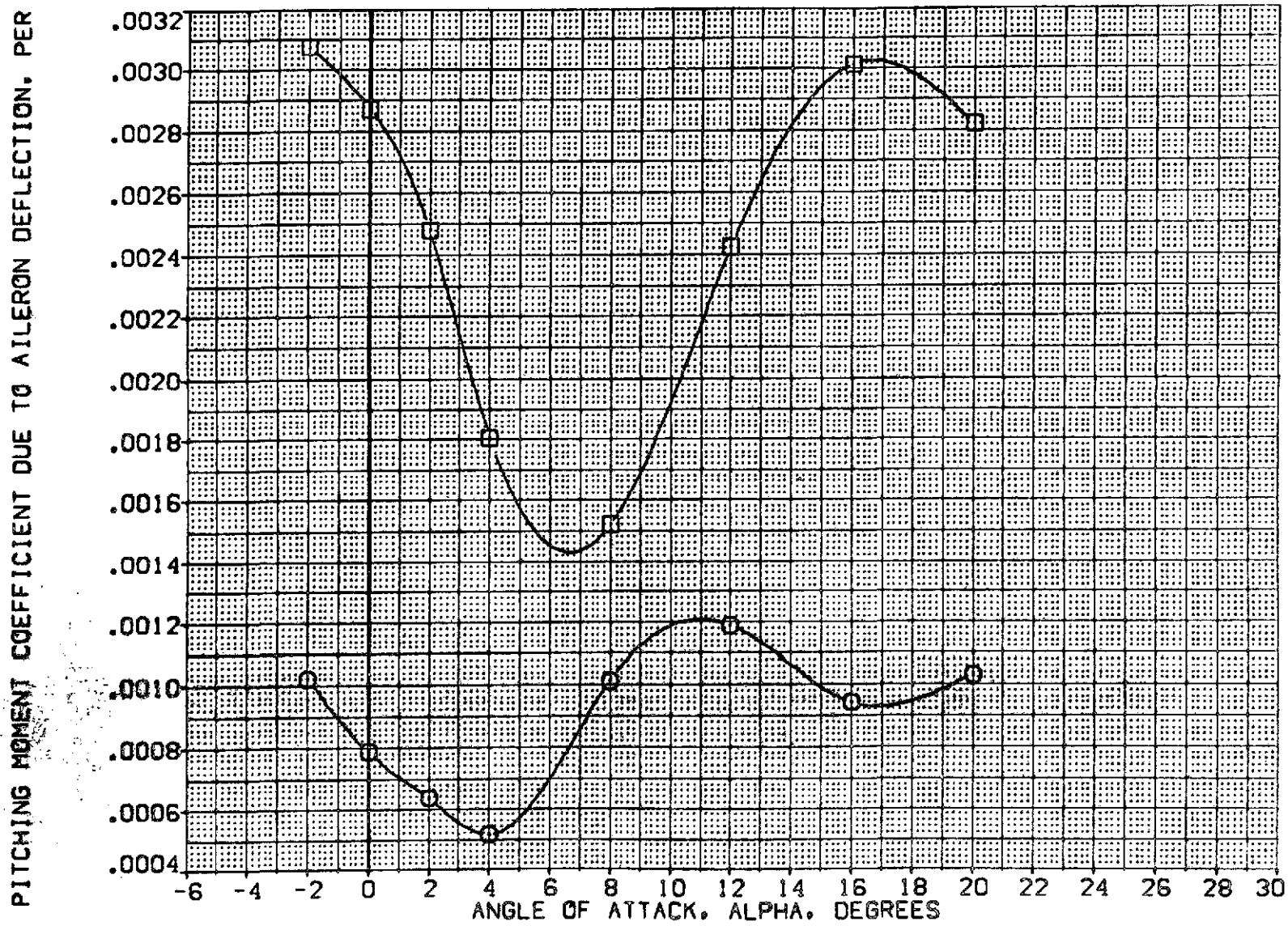


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

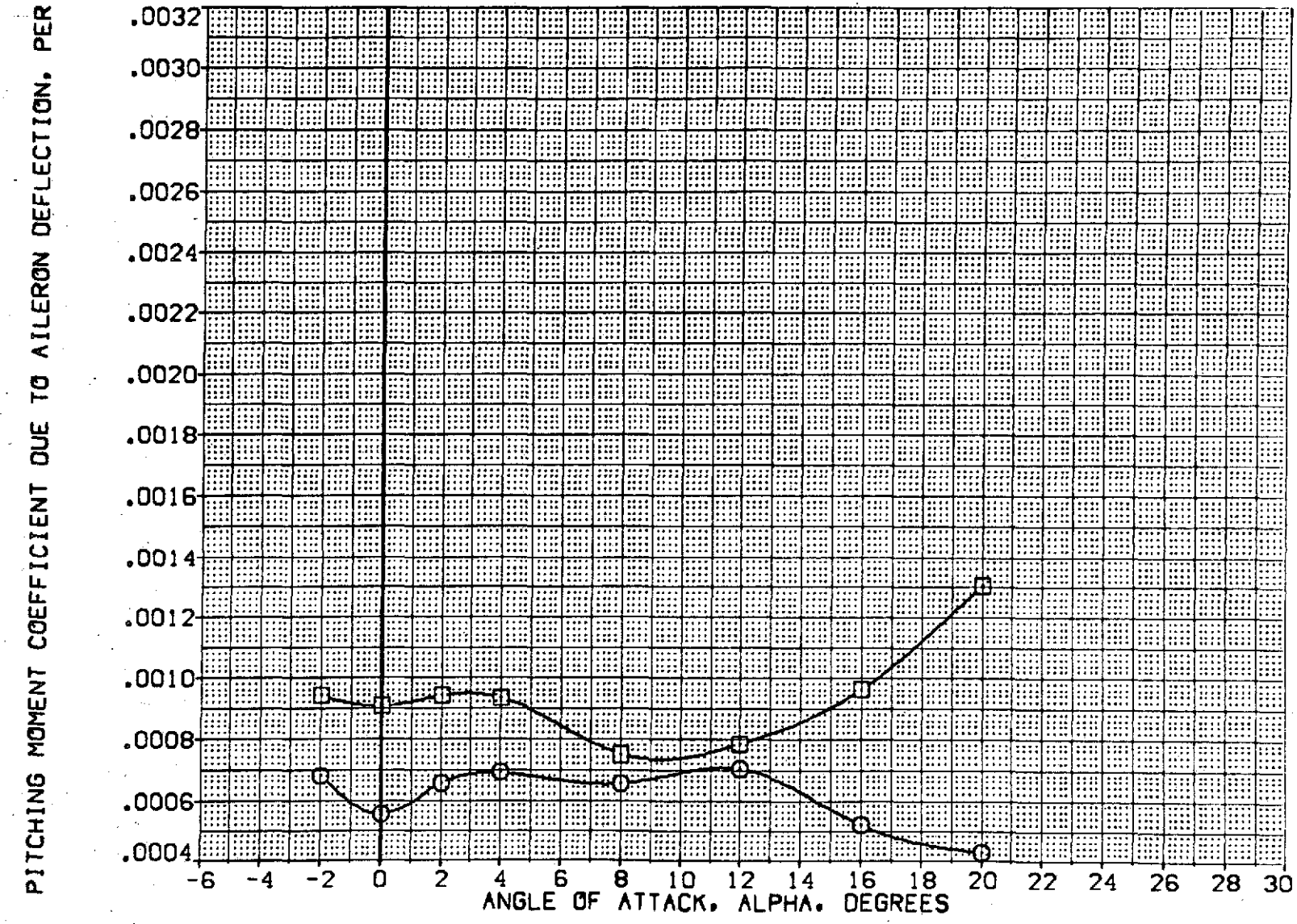


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU027) ○	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	-10.000	.000	.000	10.000
(FHU032) □	LARC8-686(0A-116) (B26C9F8M16N28)(W16E43)(V8R5)	-10.000	-10.000	10.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

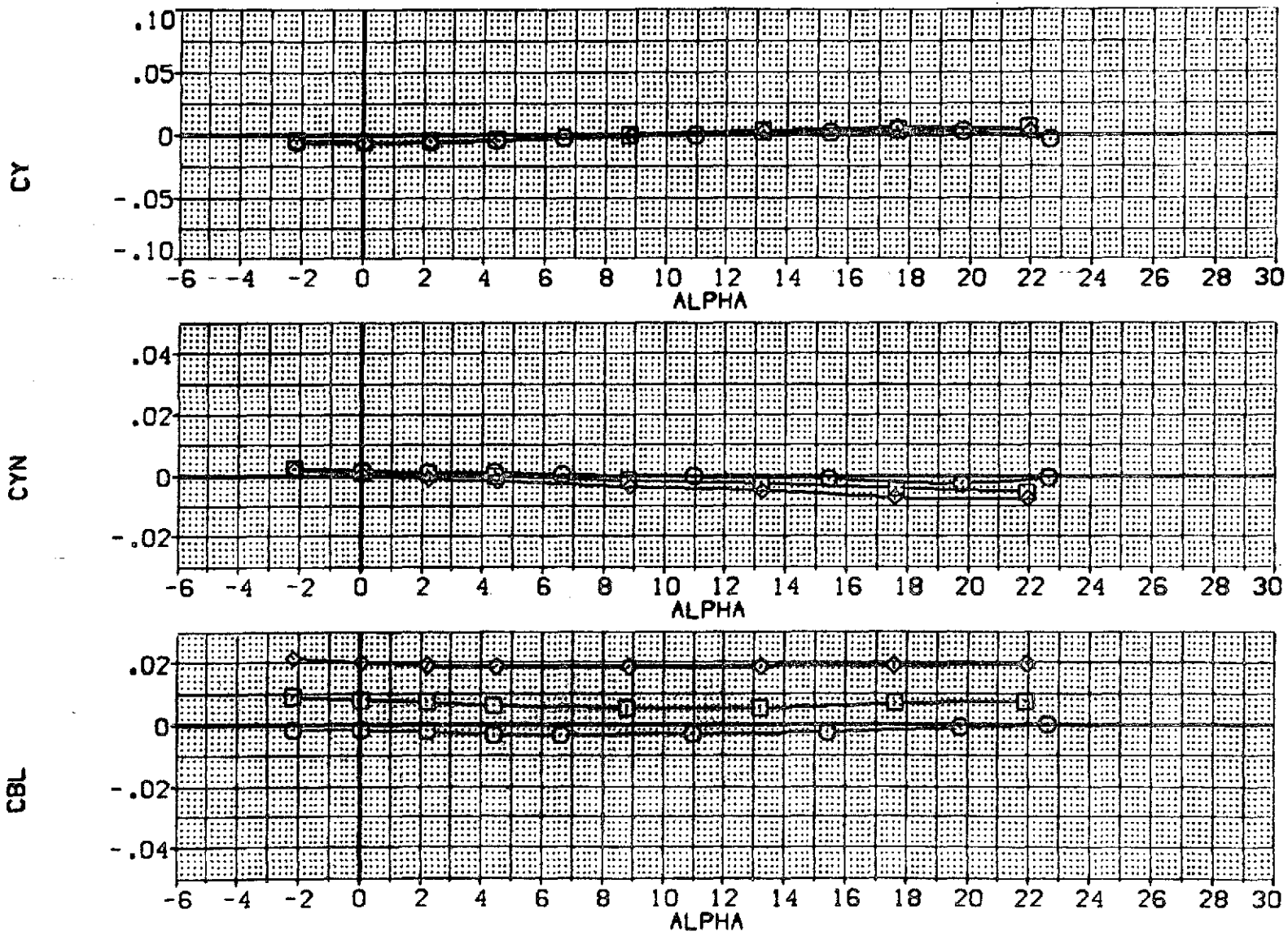


EFFECT OF AILERON DEFLECTION ABOUT A FULL SPAN -10 DEG. ELEVATOR DEFLECTION

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU008) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	.000	10.000	10.000	.000
(RHU025) □	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	10.000	10.000	10.000	-10.000
(RHU031) ◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	10.000	20.000	.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

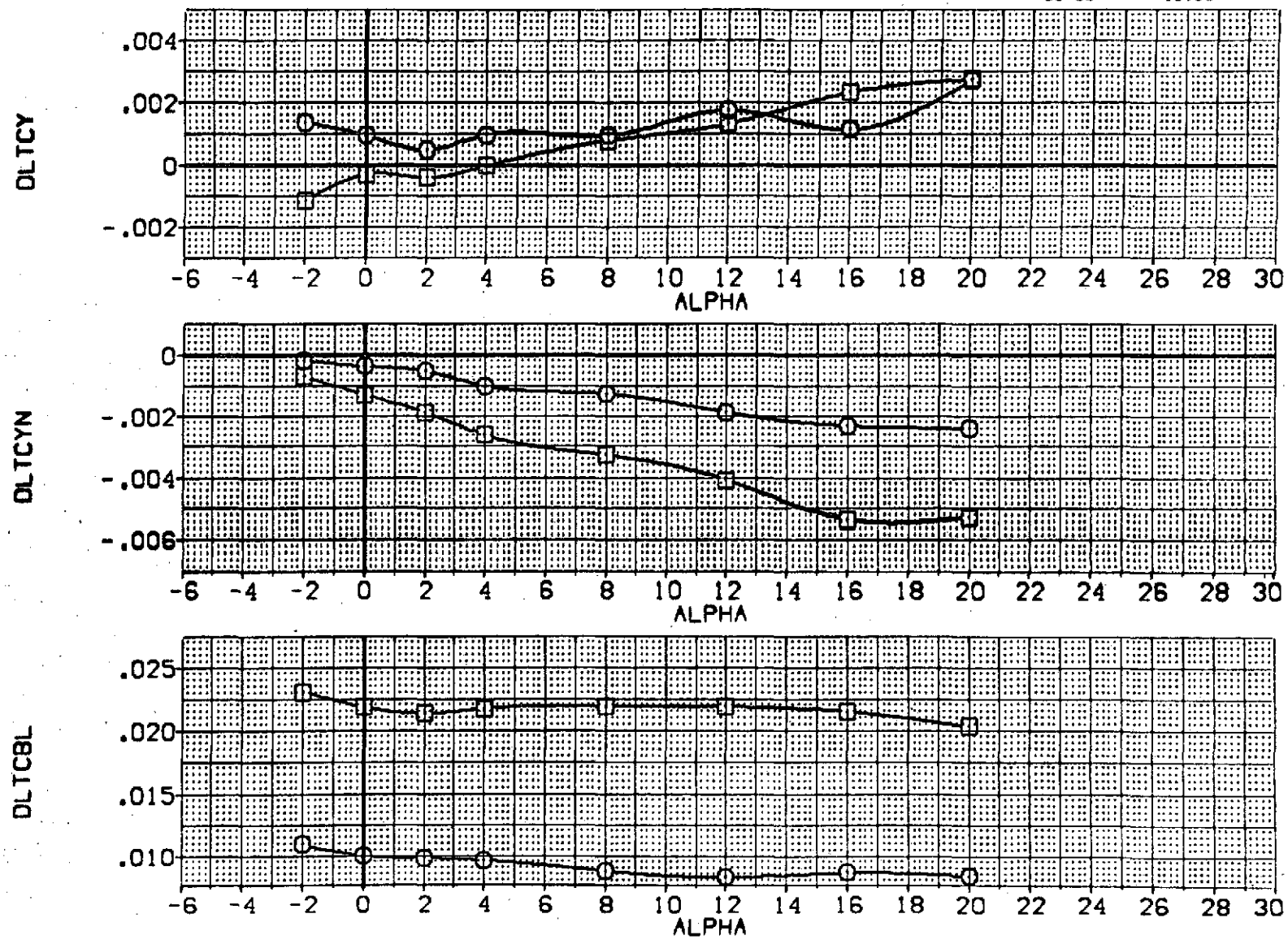


EFFECT OF AILERON DEFLECTION ABOUT A 10 DEG INBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU025)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	-10.000
(FHU031)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

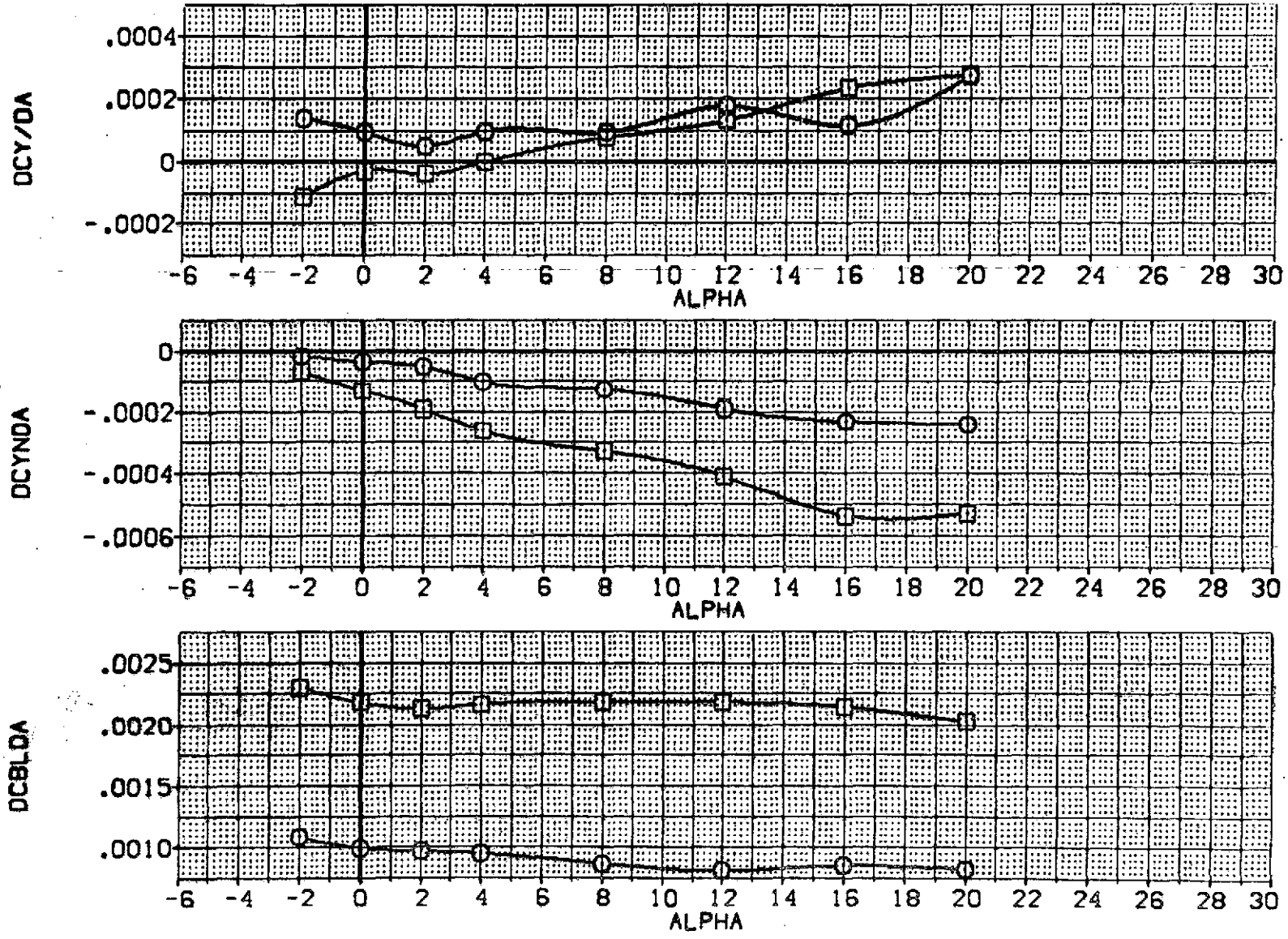


EFFECT OF AILERON DEFLECTION ABOUT A 10 DEG INBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU025)	LARC8-686(0A-116) (826C9F8M1BN28)(V116E43)(V8R5)	10.000	.000	.000	-10.000
(FHU031)	LARC8-686(0A-116) (826C9F8M1BN28)(V116E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

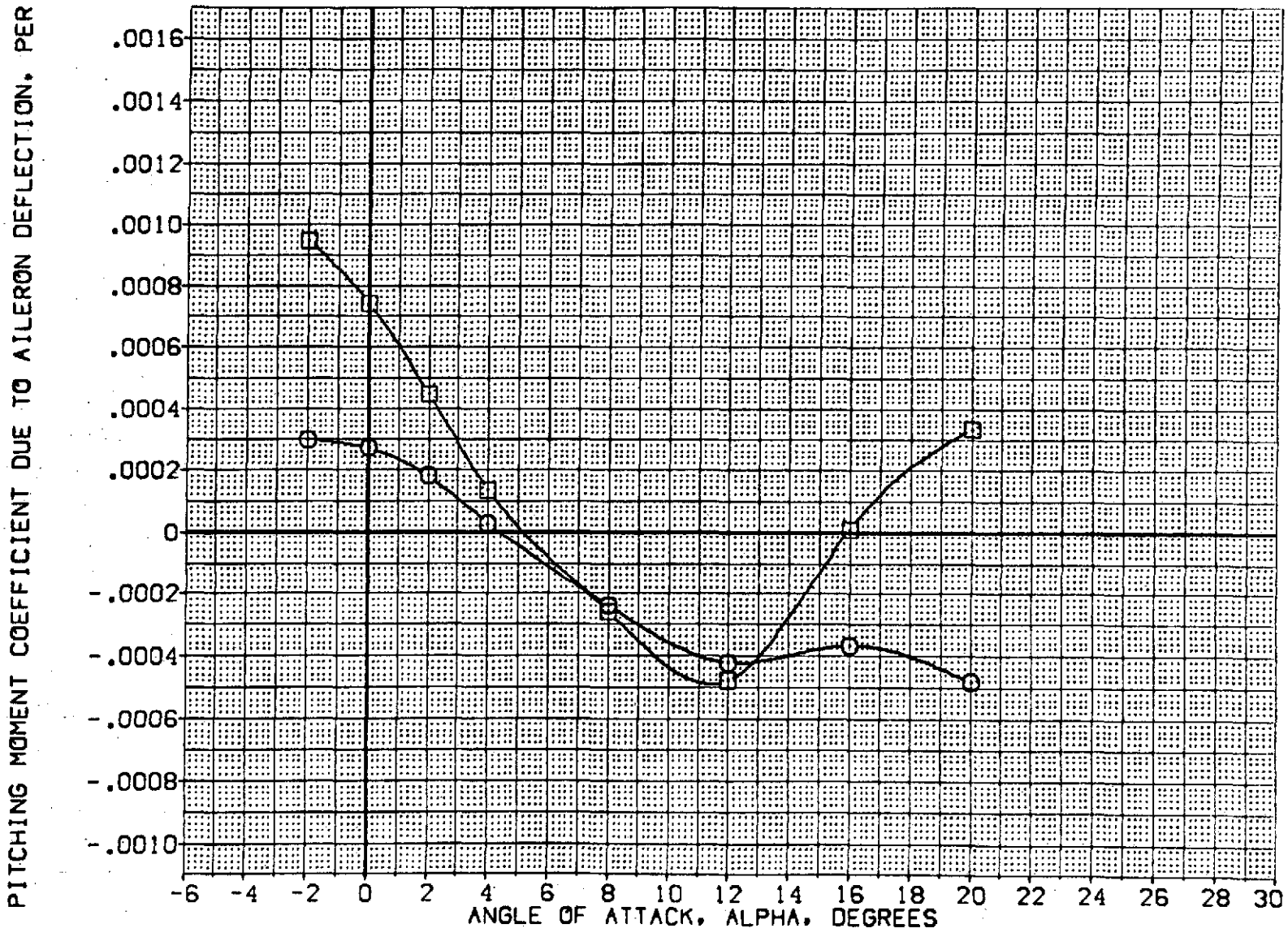


EFFECT OF AILERON DEFLECTION ABOUT A 10 DEG INBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU025) ○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	10.000	.000	.000	-10.000
(FHU031) □	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

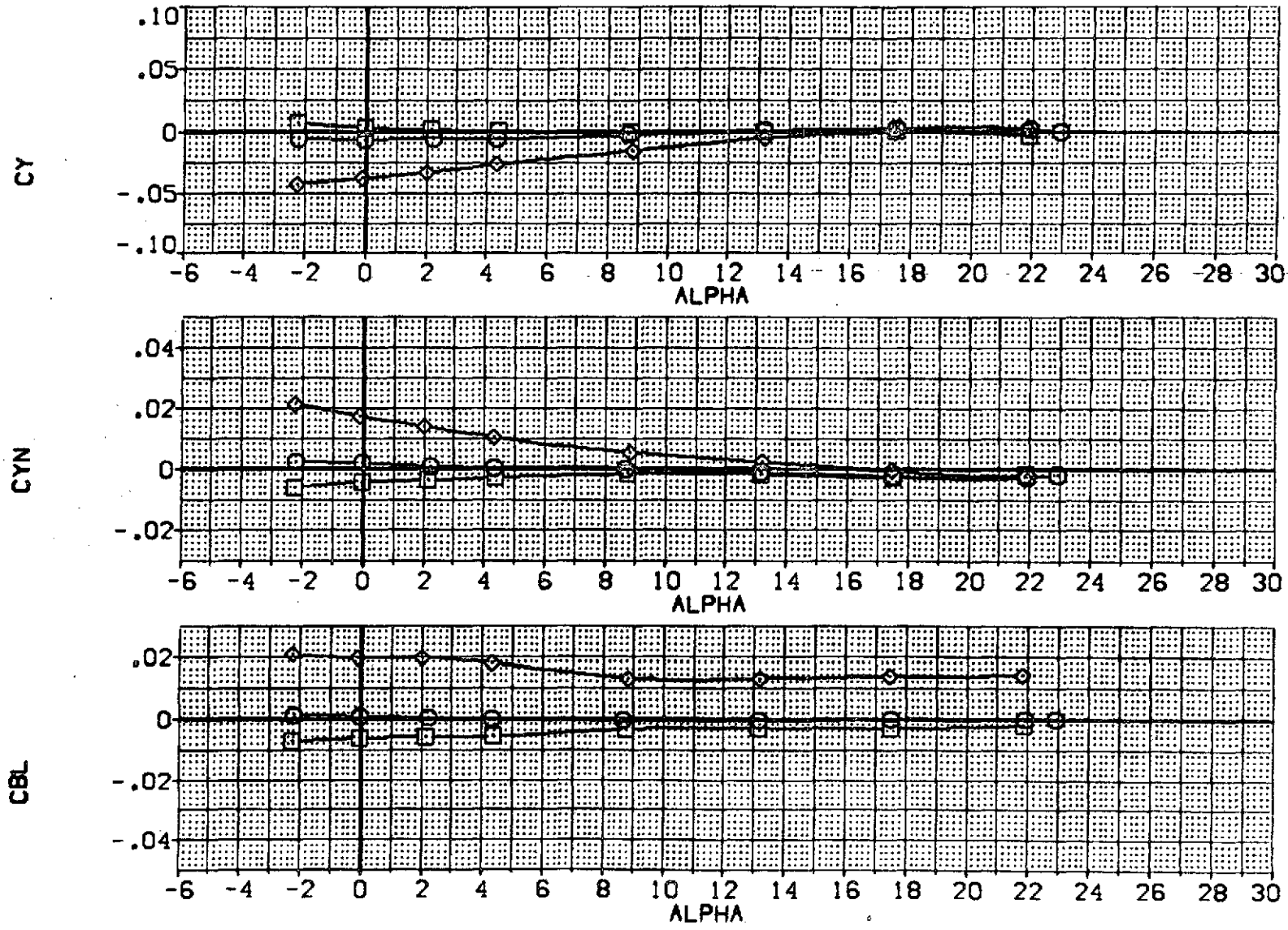


EFFECT OF AILERON DEFLECTION ABOUT A 10 DEG INBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU013)	○	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	-20.000	.000	.000	-20.000
(RHU024)	□	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	-30.000	.000	.000	-10.000
(RHU030)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W16E43)(V8R5)	-10.000	10.000	-10.000	-30.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

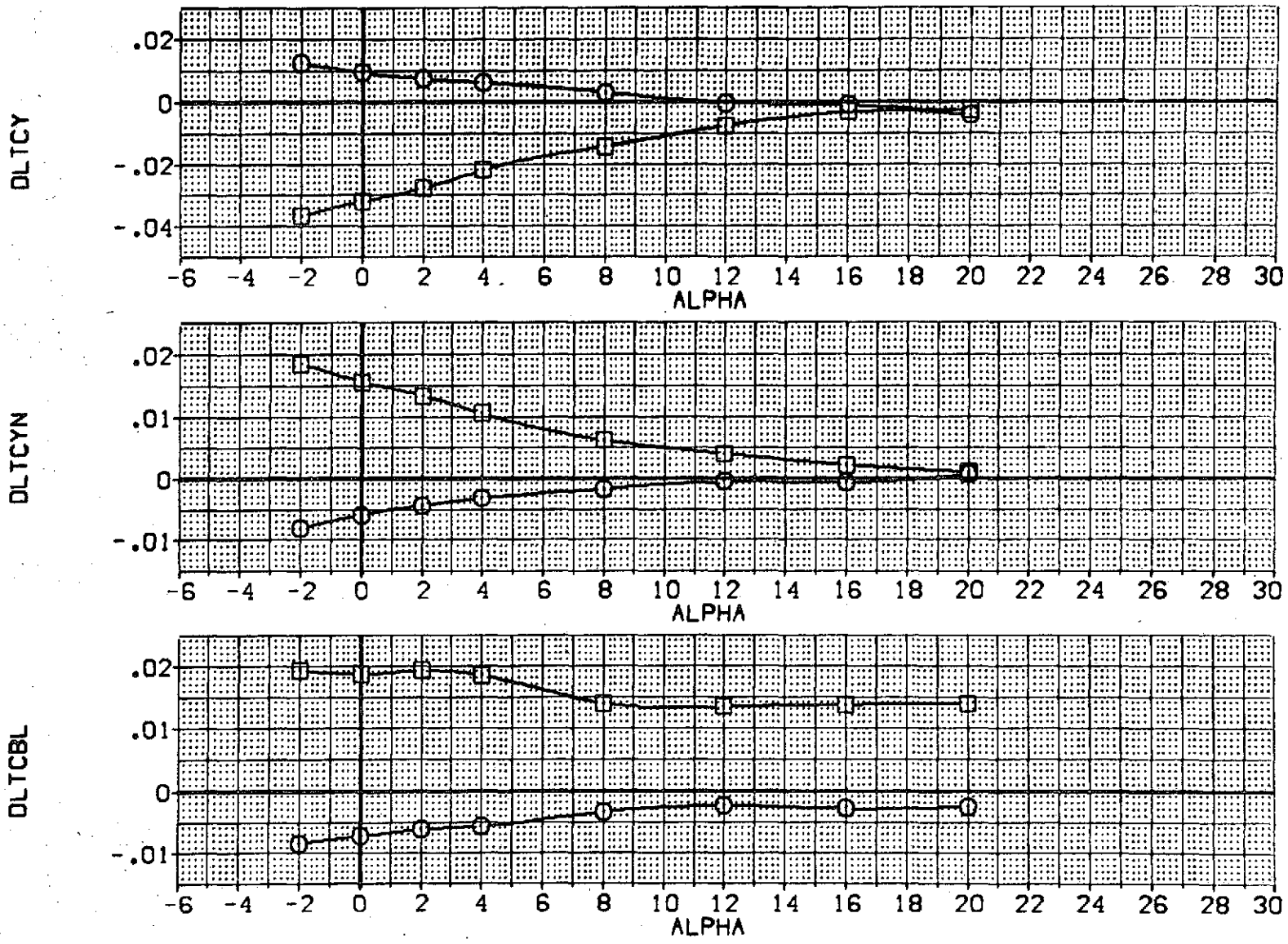


EFFECT OF AILERON DEFLECTION ABOUT A -20 DEG.OUTBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU024)	○	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU030)	□	LARC8-686(0A-116) (B26C9F8M16N20)(W116E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



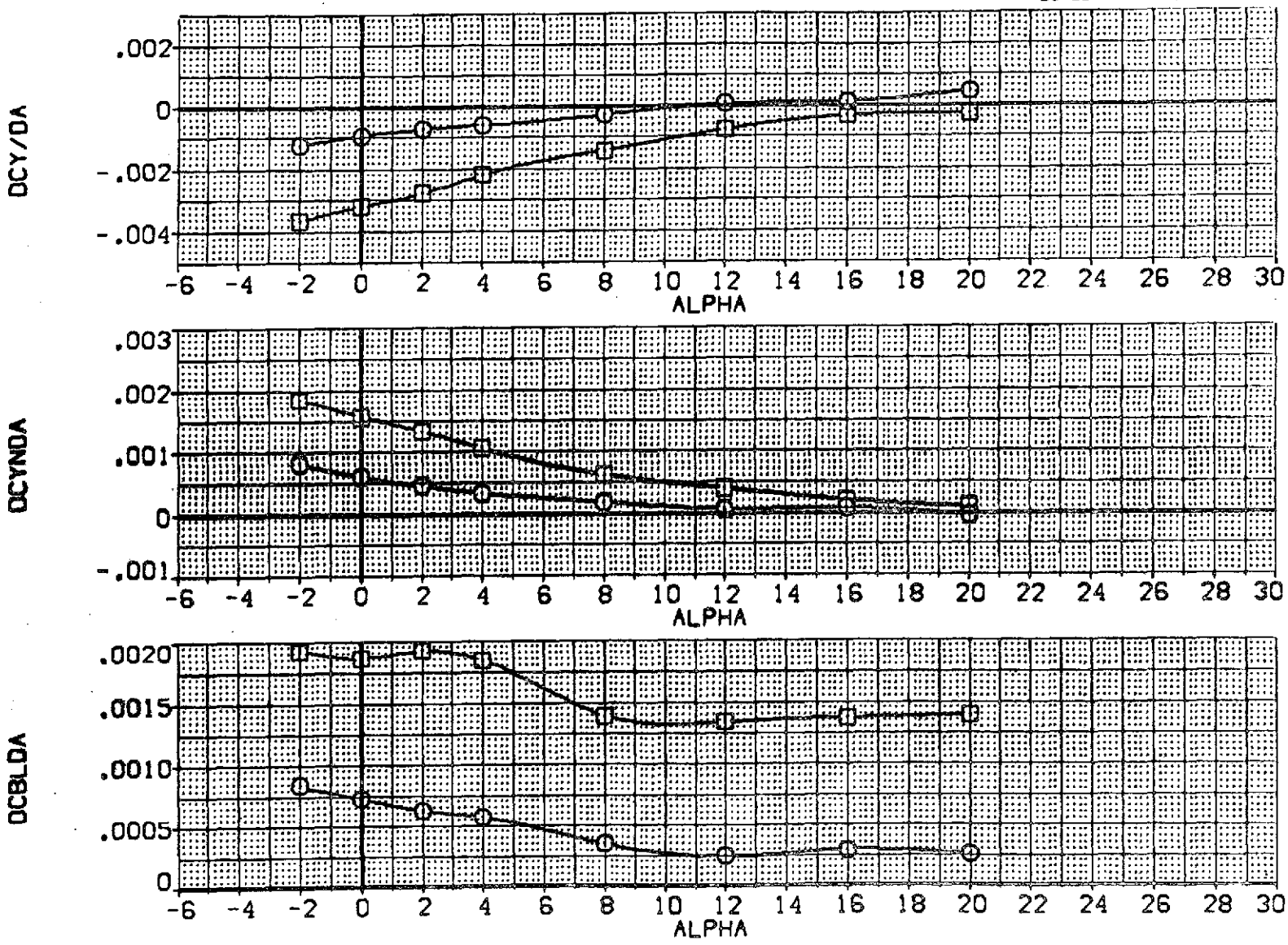
EFFECT OF AILERON DEFLECTION ABOUT A -20 DEG.OUTBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU024) ○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	-10.000	.000	.000	10.000
(FHU030) □	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	

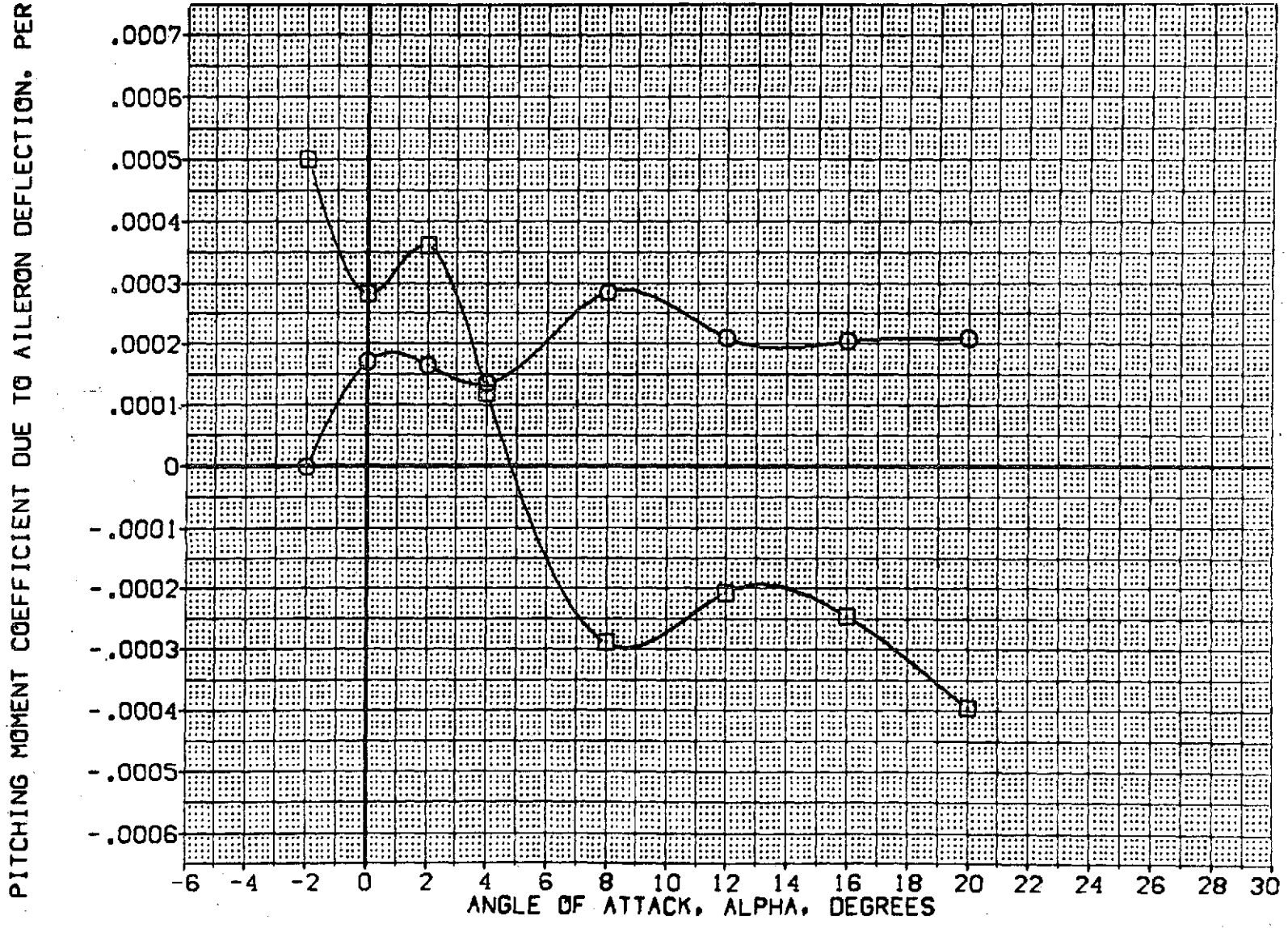


EFFECT OF AILERON DEFLECTION ABOUT A -20 DEG.OUTBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	DEL-LI	DEL-RI	DEL-RO
(FHU024) ○	LARC8-686(0A-116) (826C9F8M16N28)(V)(6E43)(V8R5)	-10.000	.000	.000	10.000
(FHU030) □	LARC8-686(0A-116) (826C9F8M16N28)(V)(6E43)(V8R5)	10.000	10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

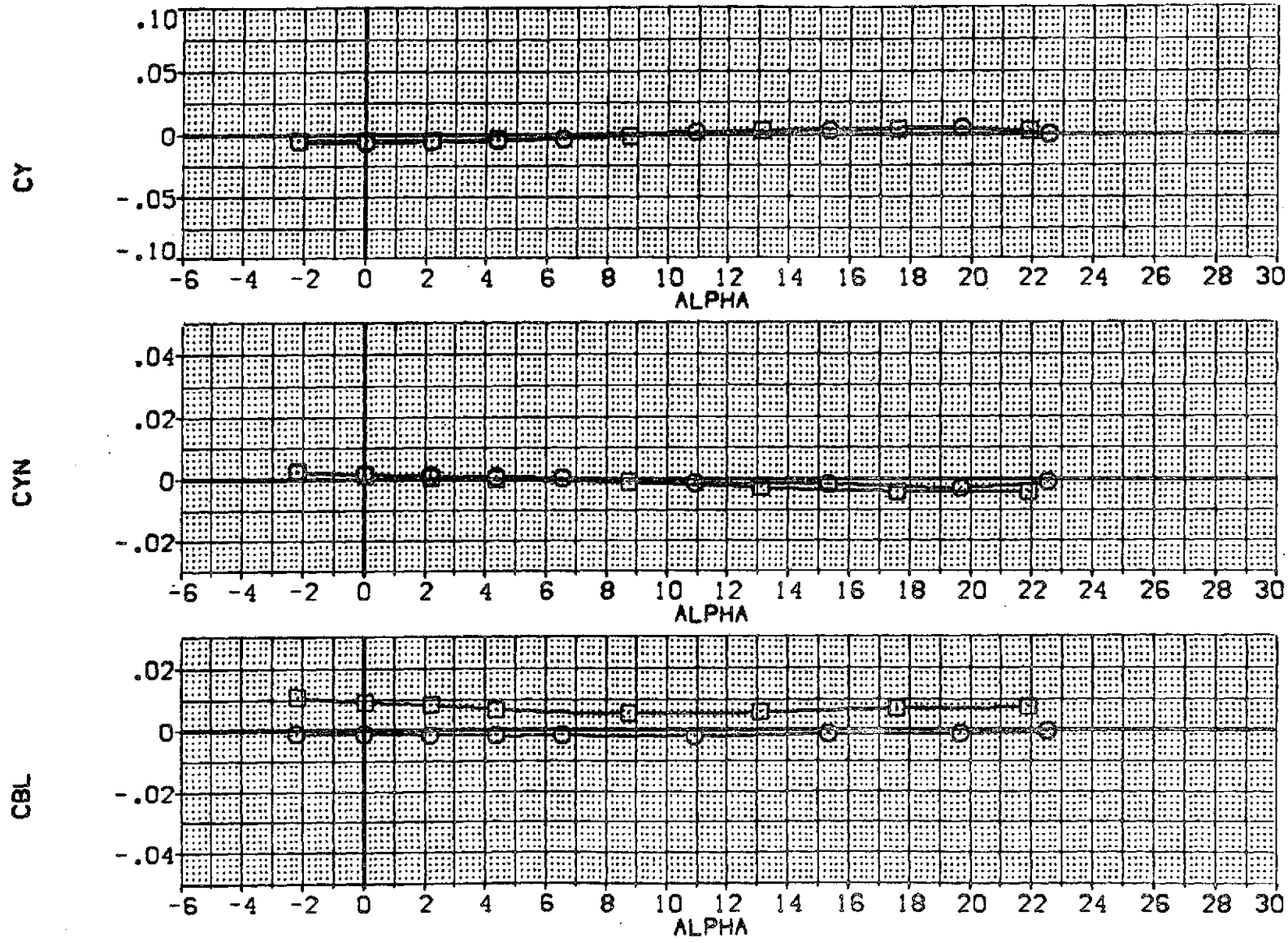


EFFECT OF AILERON DEFLECTION ABOUT A -20 DEG.OUTBOARD ELEVATOR ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000
(RHU022)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	.000	.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

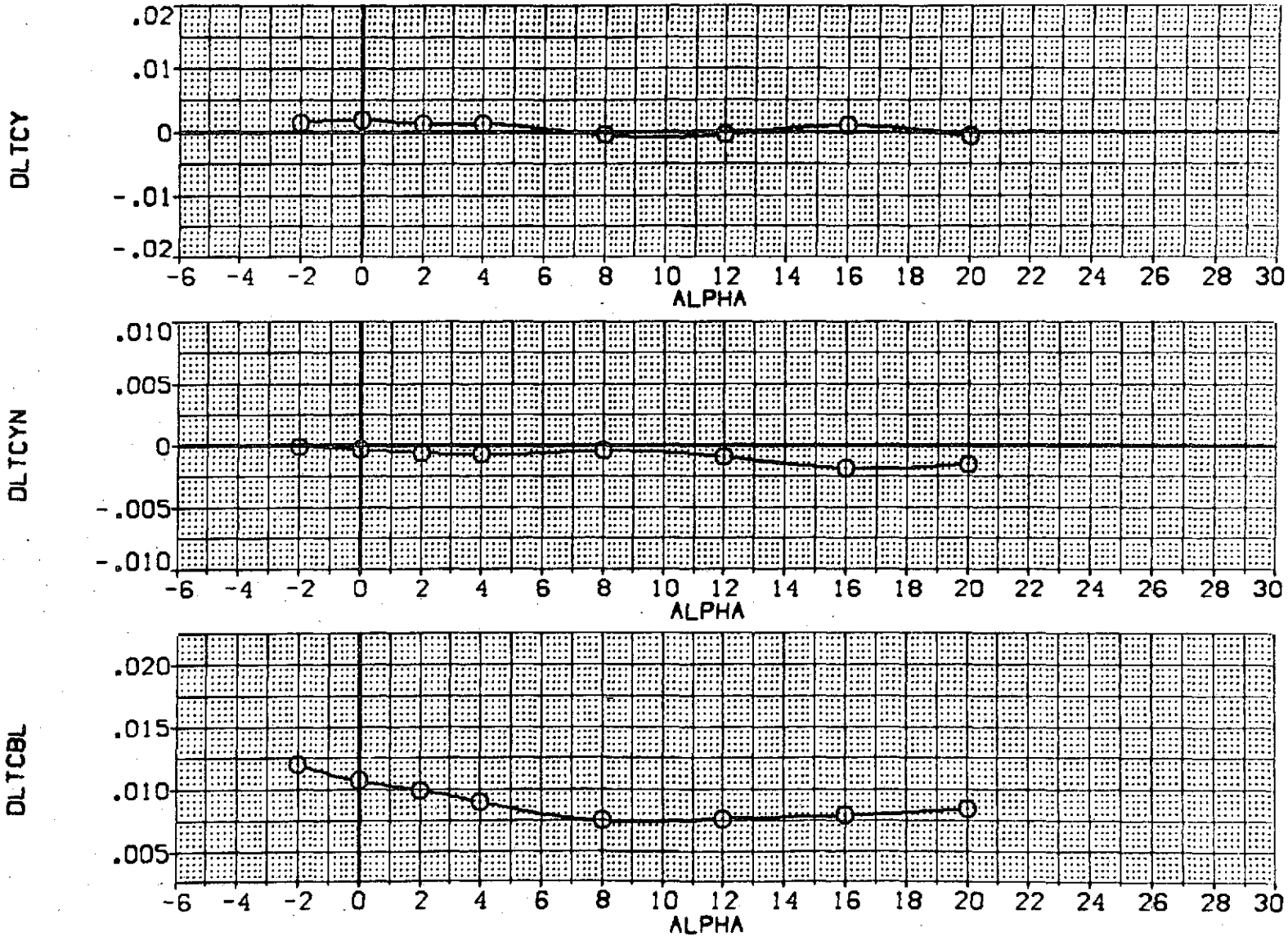


EFFECT OF OUTBOARD AILERON ONLY DEFLECTION

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHJ022)	○	LARCB-686(0A-116) (826C9F8M16N28)(W116E43)(VBR5)	10.000	.000	.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

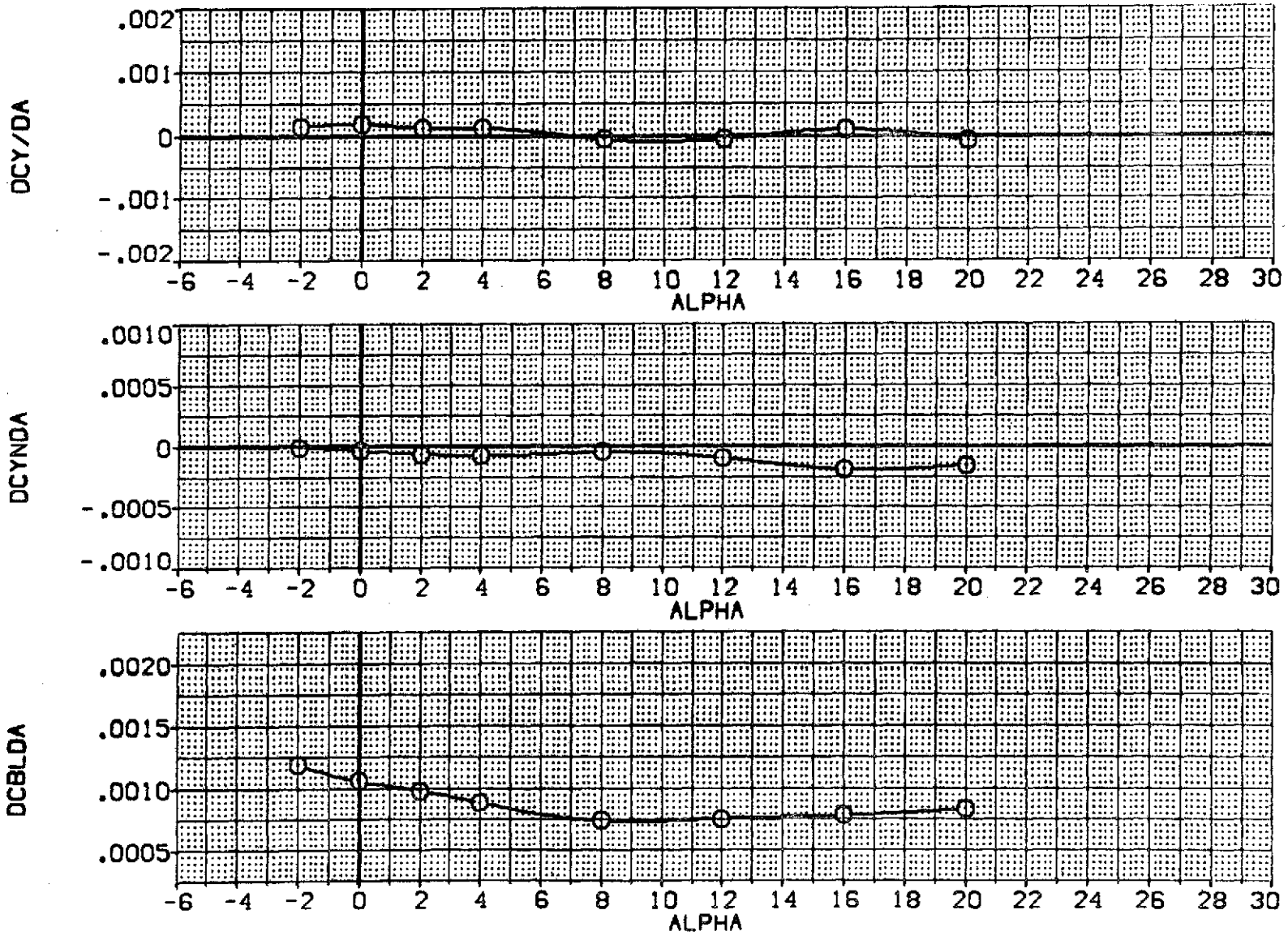


EFFECT OF OUTBOARD AILERON ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU022) ○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	10.000	.000	.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

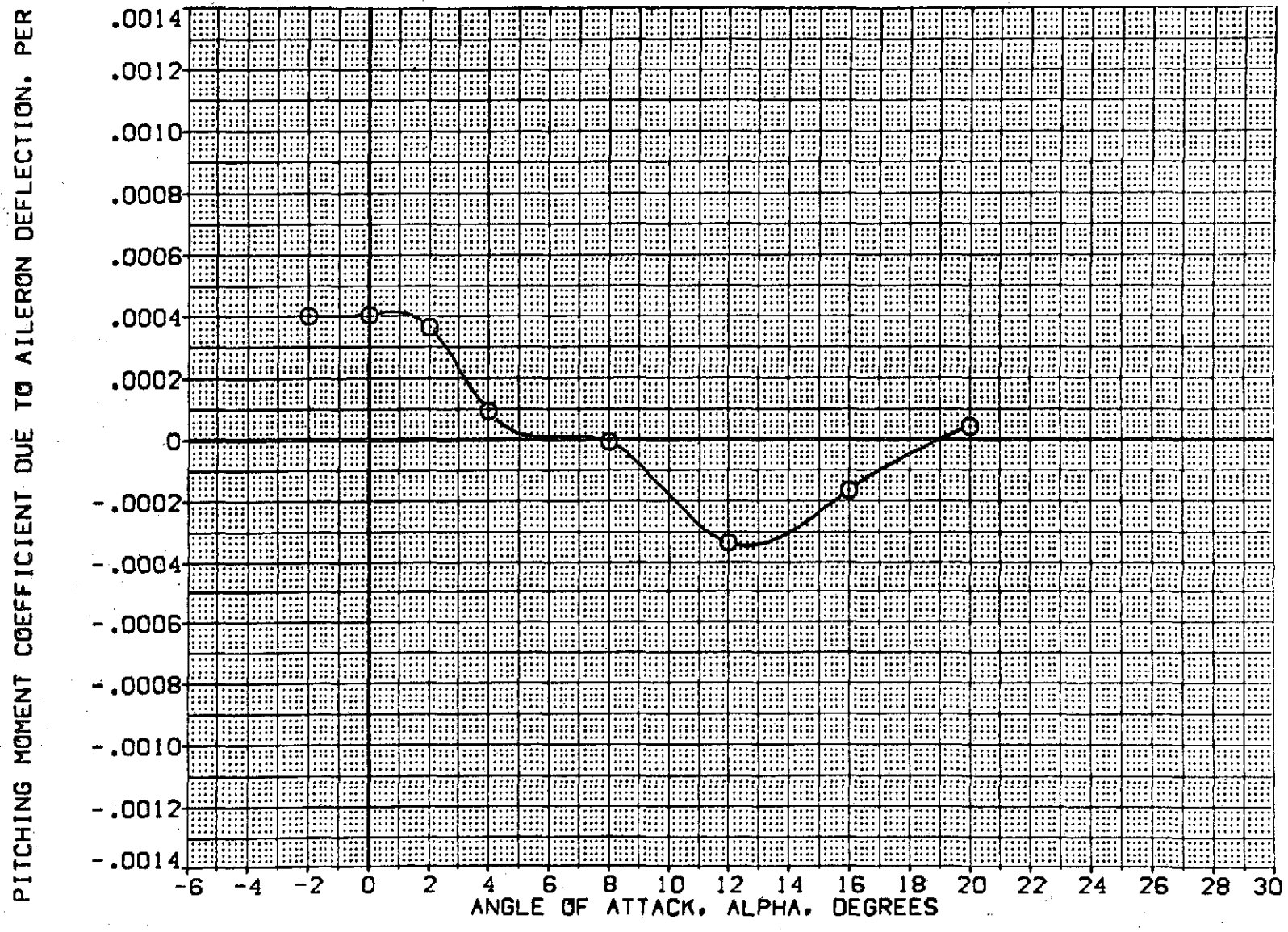


EFFECT OF OUTBOARD AILERON ONLY DEFLECTION

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU022)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	10.000	.000	.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

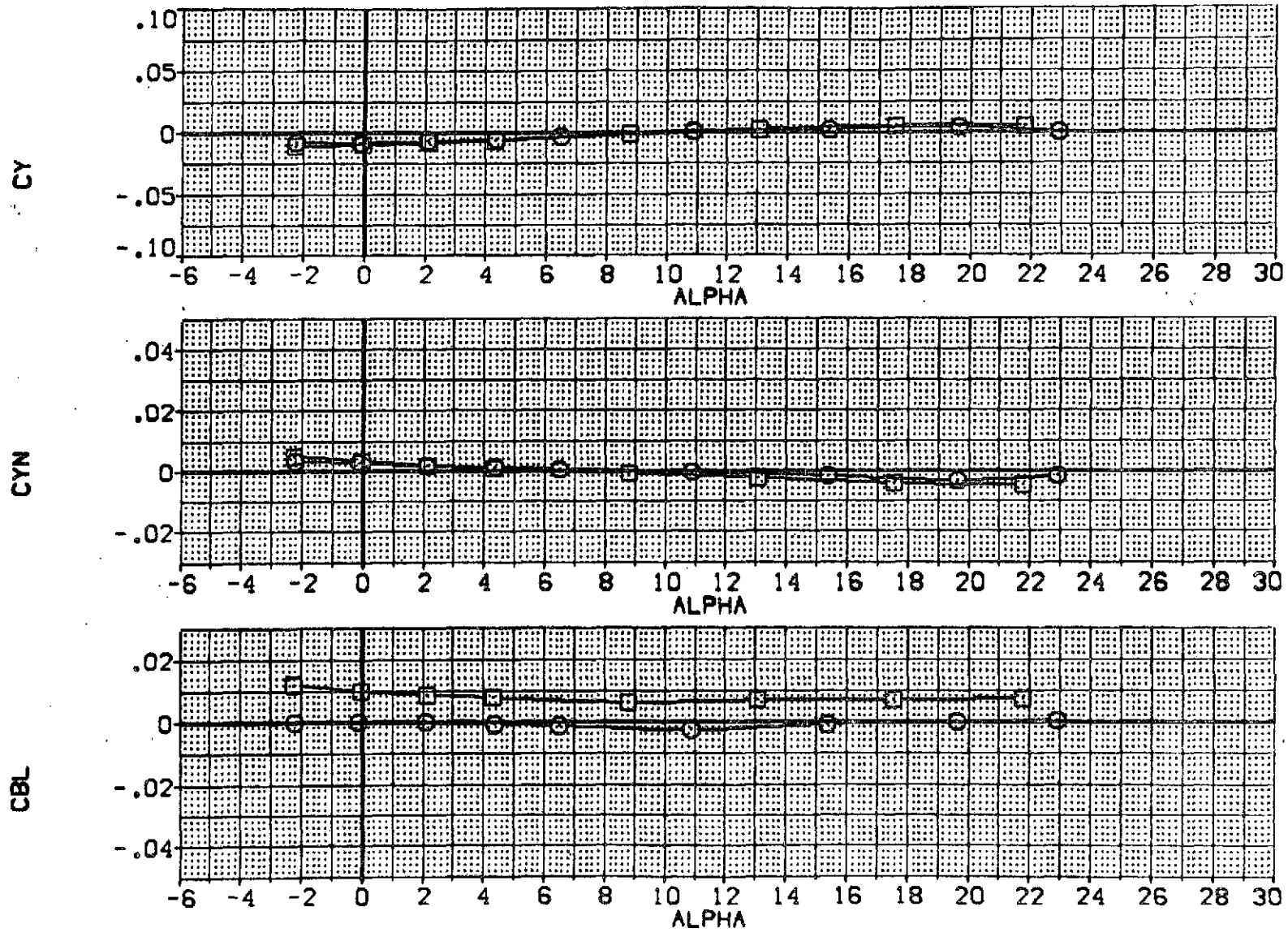


EFFECT OF OUTBOARD AILERON ONLY DEFLECTION

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU010)	LARC8-686(0A-116) (826C9FBM16N28)(W)(6E43)(V8R5)	.000	-10.000	-10.000	.000
(RHU026)	LARC8-686(0A-116) (826C9FBM16N28)(W)(6E43)(V8R5)	10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.9117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

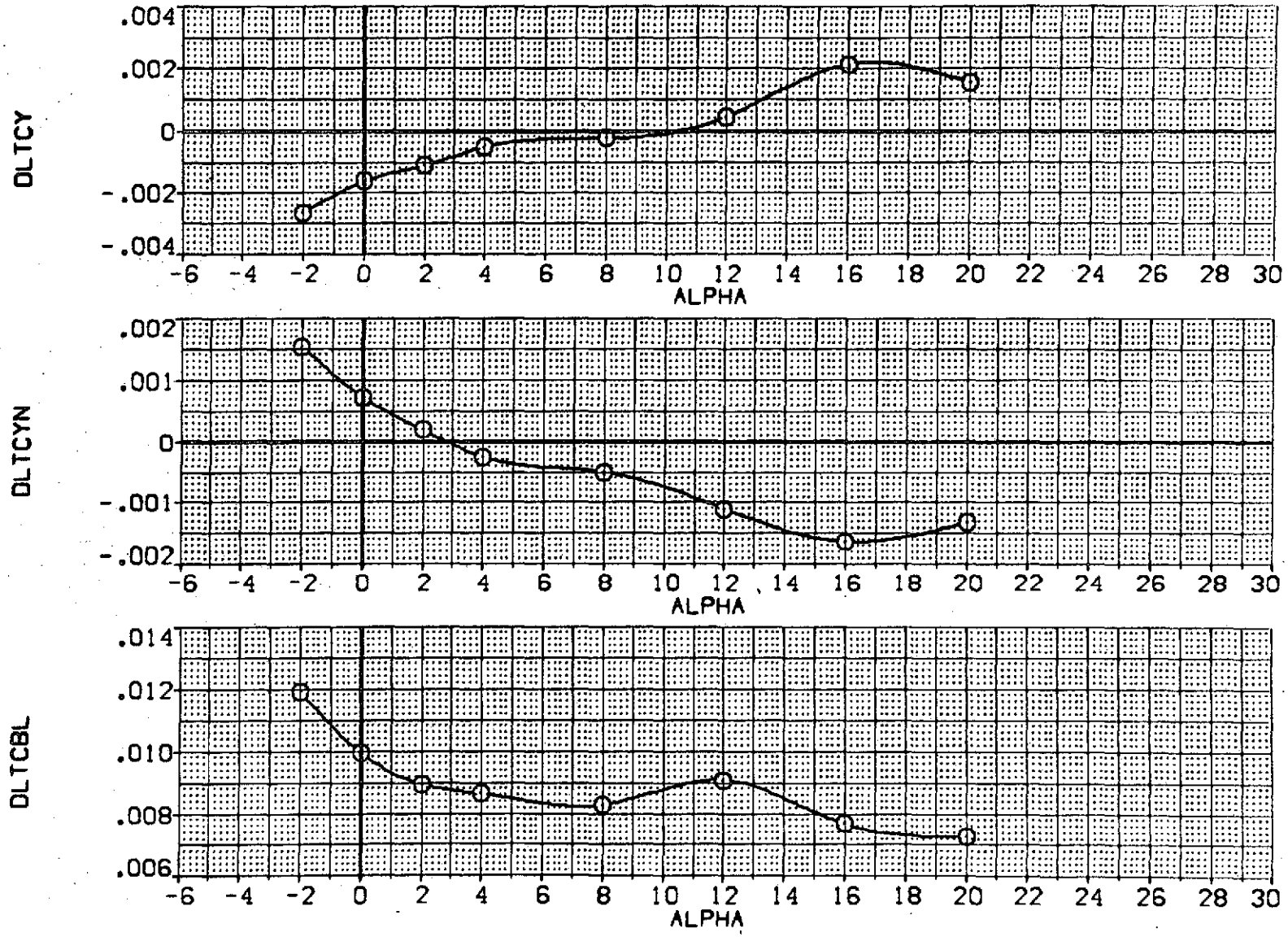


EFFECT OF OUTBOARD AILERON DEFLECTION WITH INBOARD ELEVATOR AT-10 DEG.)

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU026)	O	LARC8-686(0A-116) (B26C9F8M16N28)(V11SE43)(V8R5)	10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

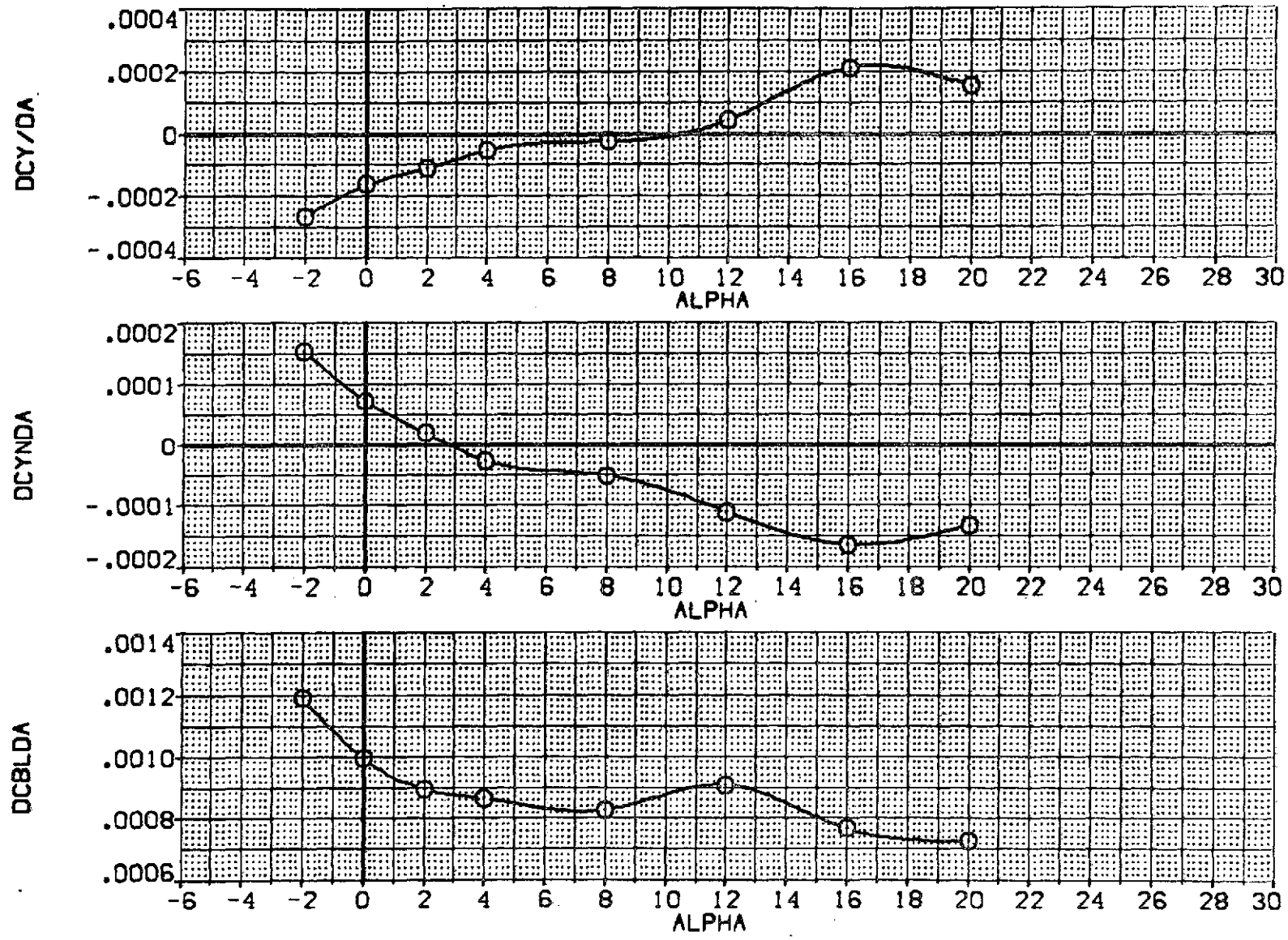


EFFECT OF OUTBOARD AILERON DEFLECTION WITH INBOARD ELEVATOR AT-10 DEG.)

(A)MACH = 1.20

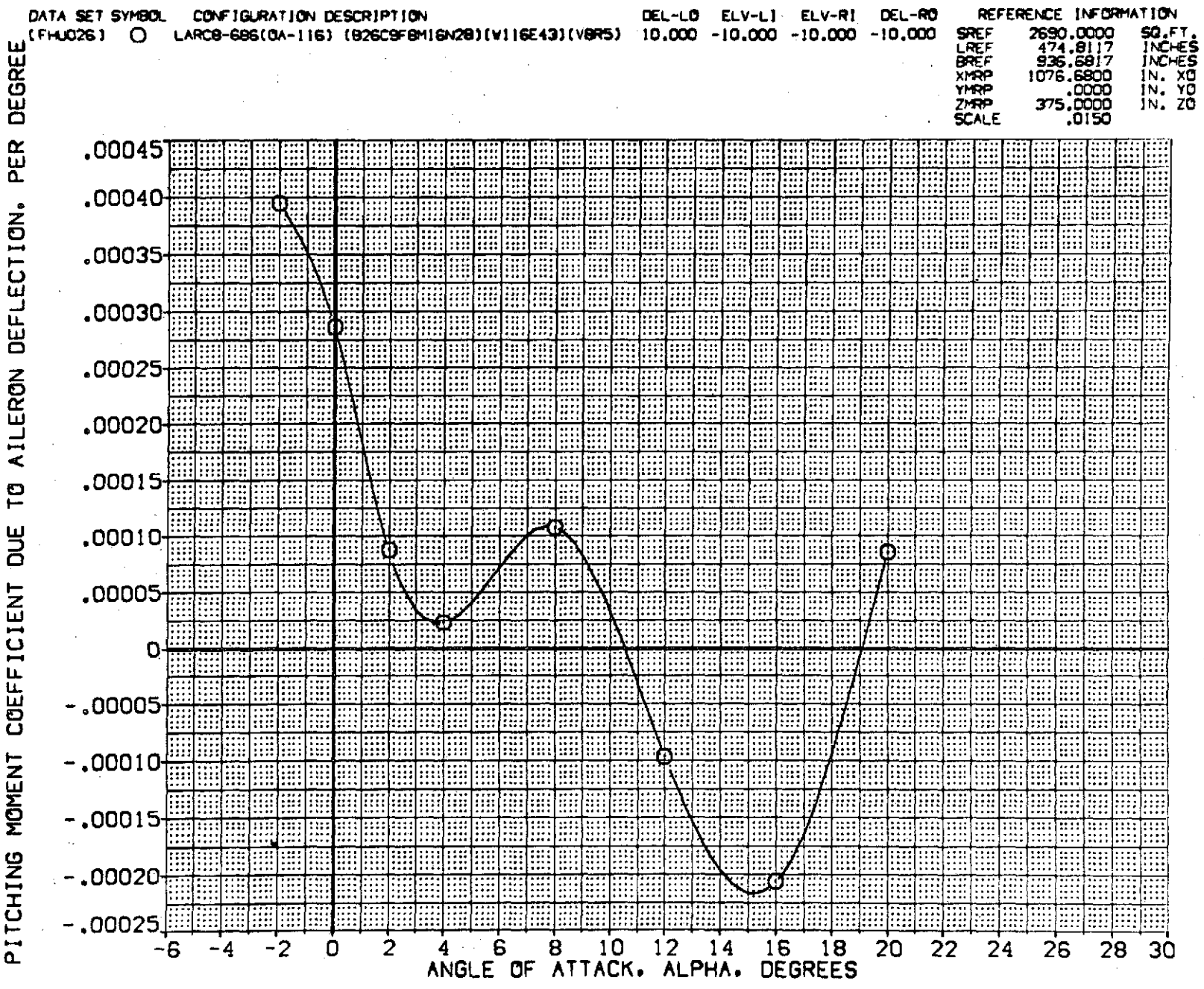
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU026) ○	LARC8-686(0A-116) (826C9F0M16N20)(W116E43)(V0R5)	10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



EFFECT OF OUTBOARD AILERON DEFLECTION WITH INBOARD ELEVATOR AT-10 DEG.)

(A)MACH = 1.20

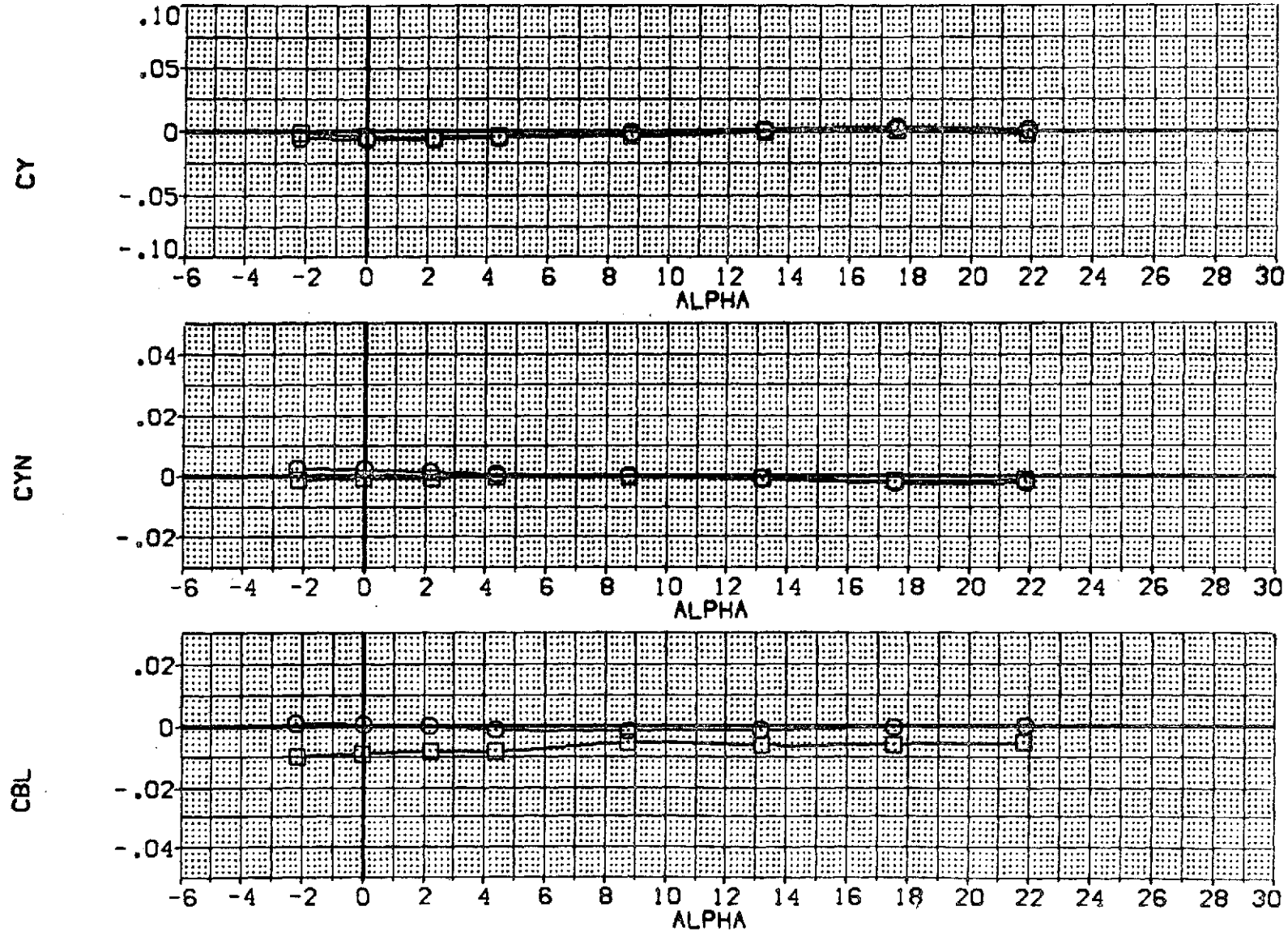


EFFECT OF OUTBOARD AILERON DEFLECTION WITH INBOARD ELEVATOR AT-10 DEG.)

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU012) ○	LARC8-686(0A-116) (826C9F8M(6N28)(V)(6E43)(V8R5)	-10.000	.000	.000	-10.000
(RHU023) □	LARC8-686(0A-116) (826C9F8M(6N28)(V)(6E43)(V8R5)	-20.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

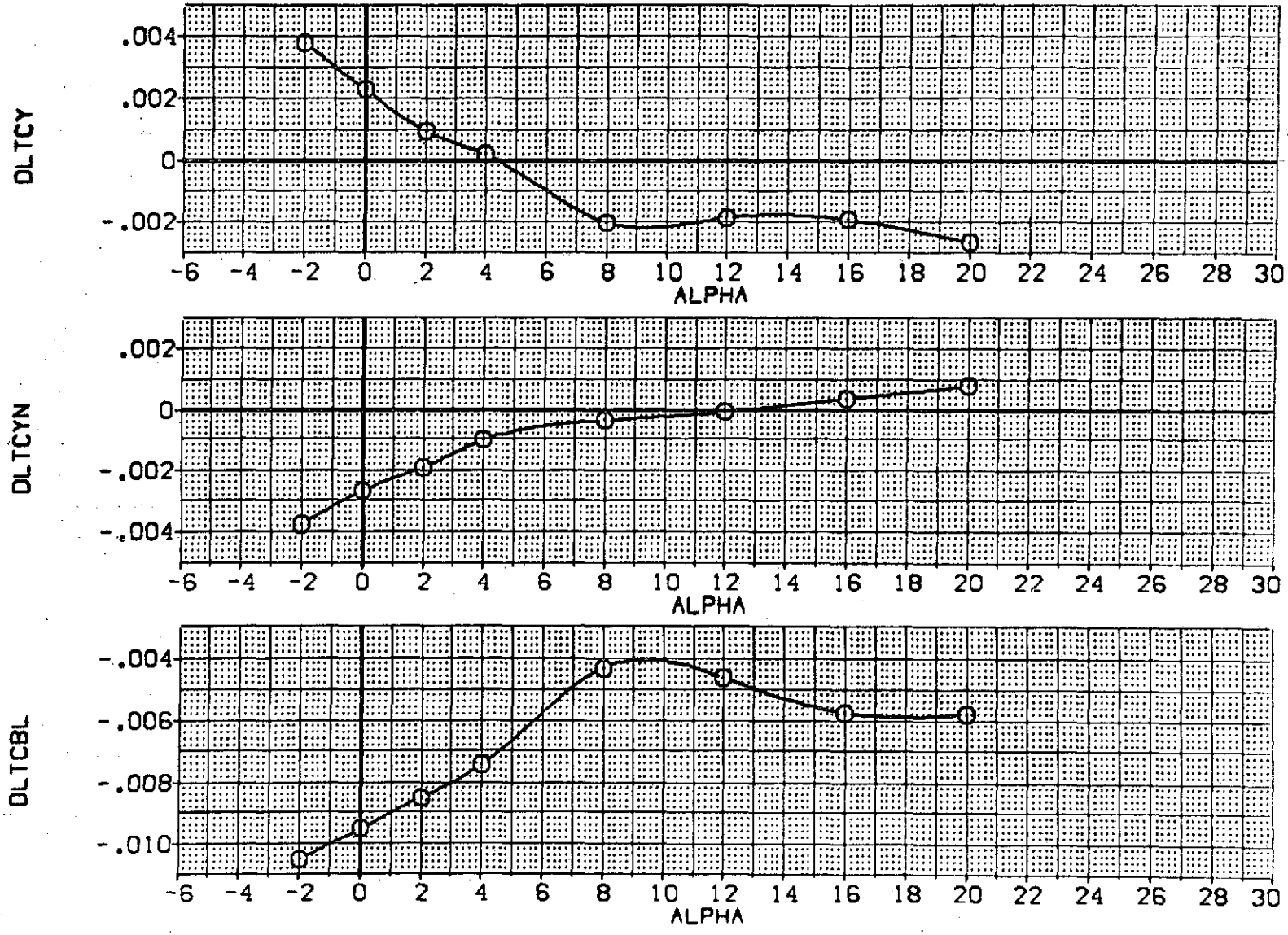


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A OUTBOARD -10 DEG.ELEVATOR DEFLECT.

(A)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU023)	○	LARC8-686(0A-116) (B26C9FBM16N28)(W116E43)(VBR5)	-10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



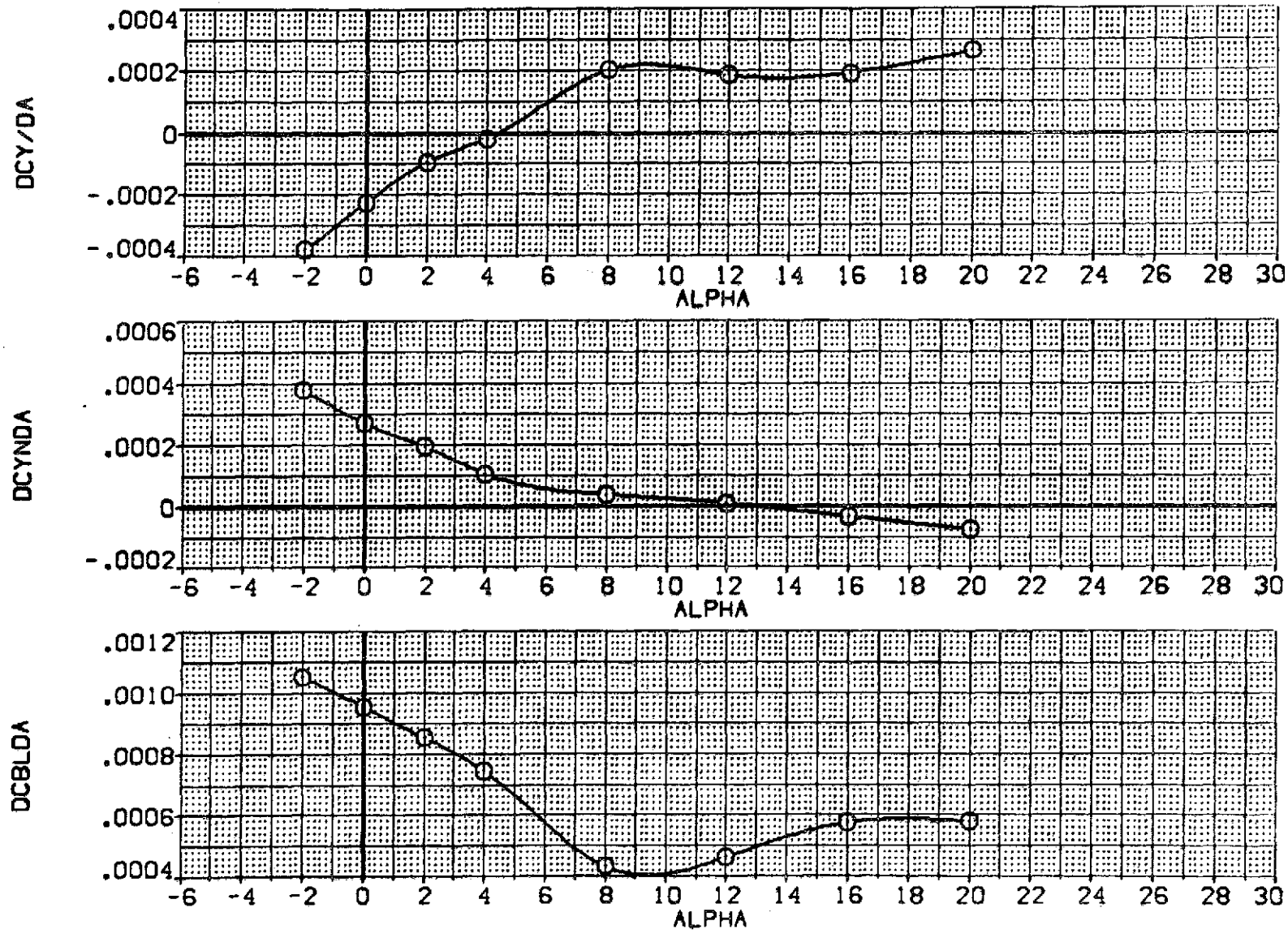
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A OUTBOARD -10 DEG.ELEVATOR DEFLECT.

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU023) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	-10.000	.000	.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



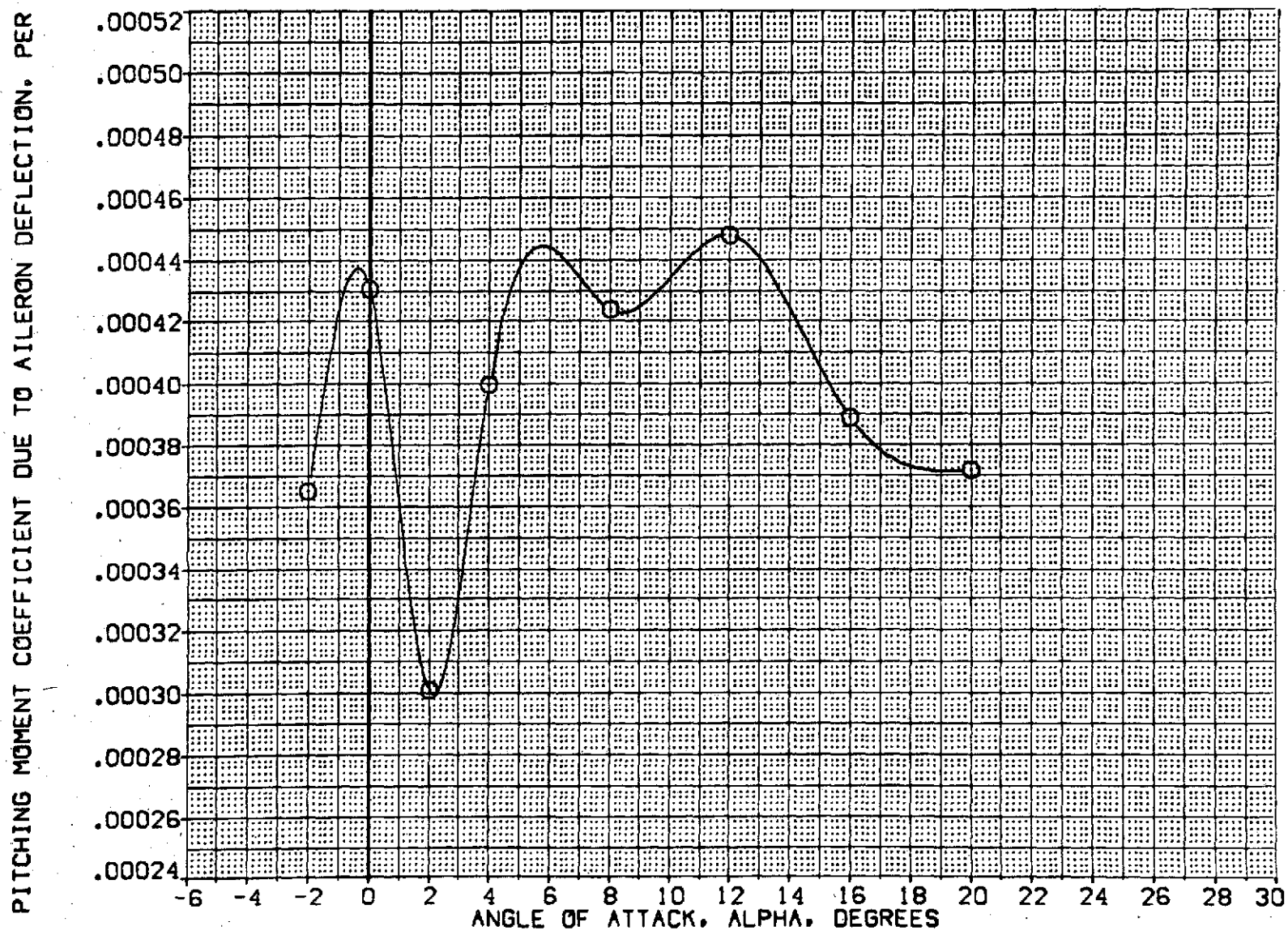
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A OUTBOARD -10 DEG.ELEVATOR DEFLECT.

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU023) ○	LARC8-686(0A-116) (B26C9F8M16N20)(V)16E43)(VBR5)	-10.000	.000	.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

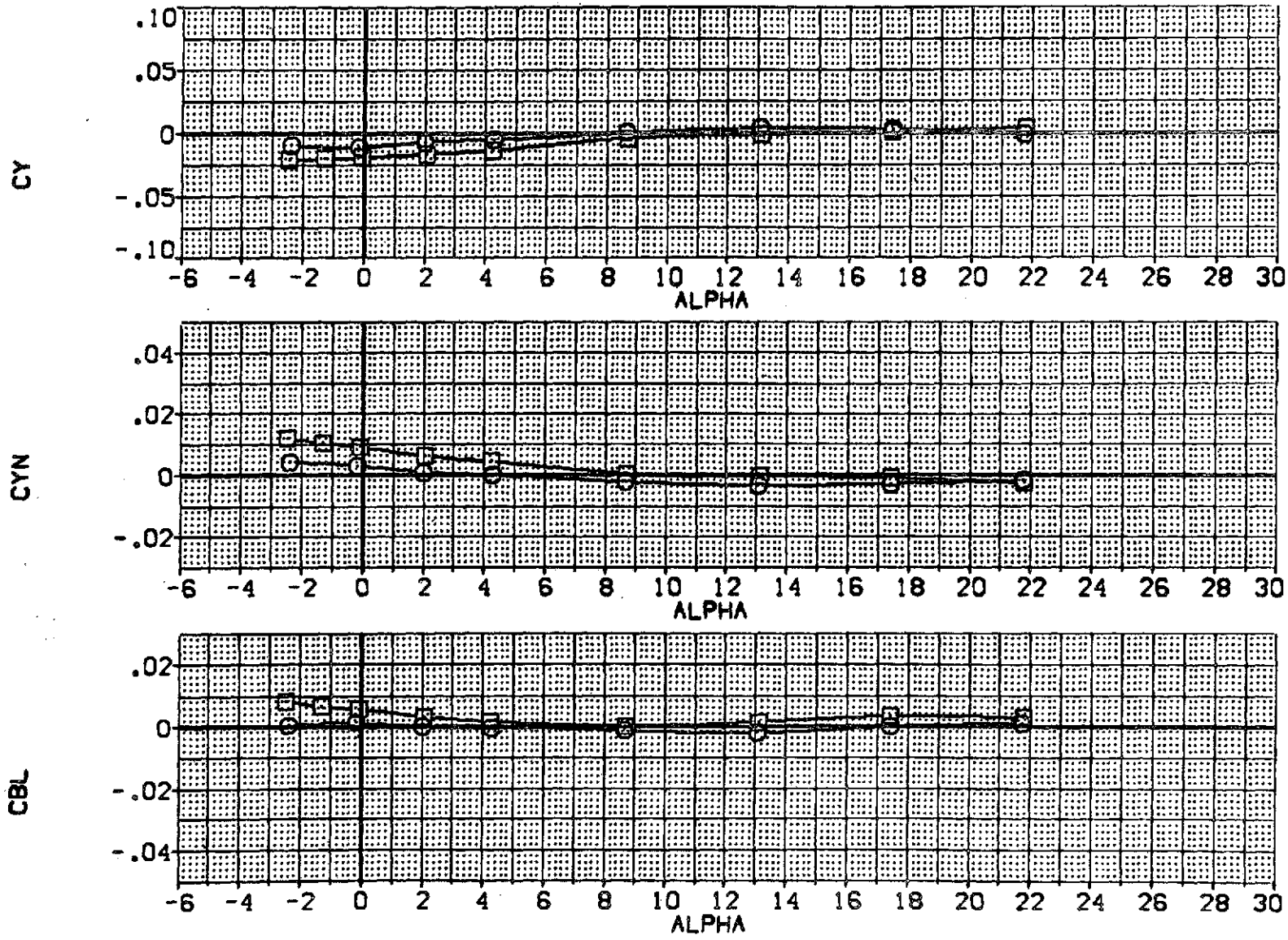


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A OUTBOARD -10 DEG.ELEVATOR DEFLECT.

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(RHU018)	LARC8-686(0A-116) (826C9F8M1GN28)(V)1GE43)(V6R5)	-20.000	-20.000	-20.000	-20.000
(RHU029)	LARC8-686(0A-116) (826C9F8M1GN28)(V)1GE43)(V6R5)	-10.000	-20.000	-20.000	-30.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



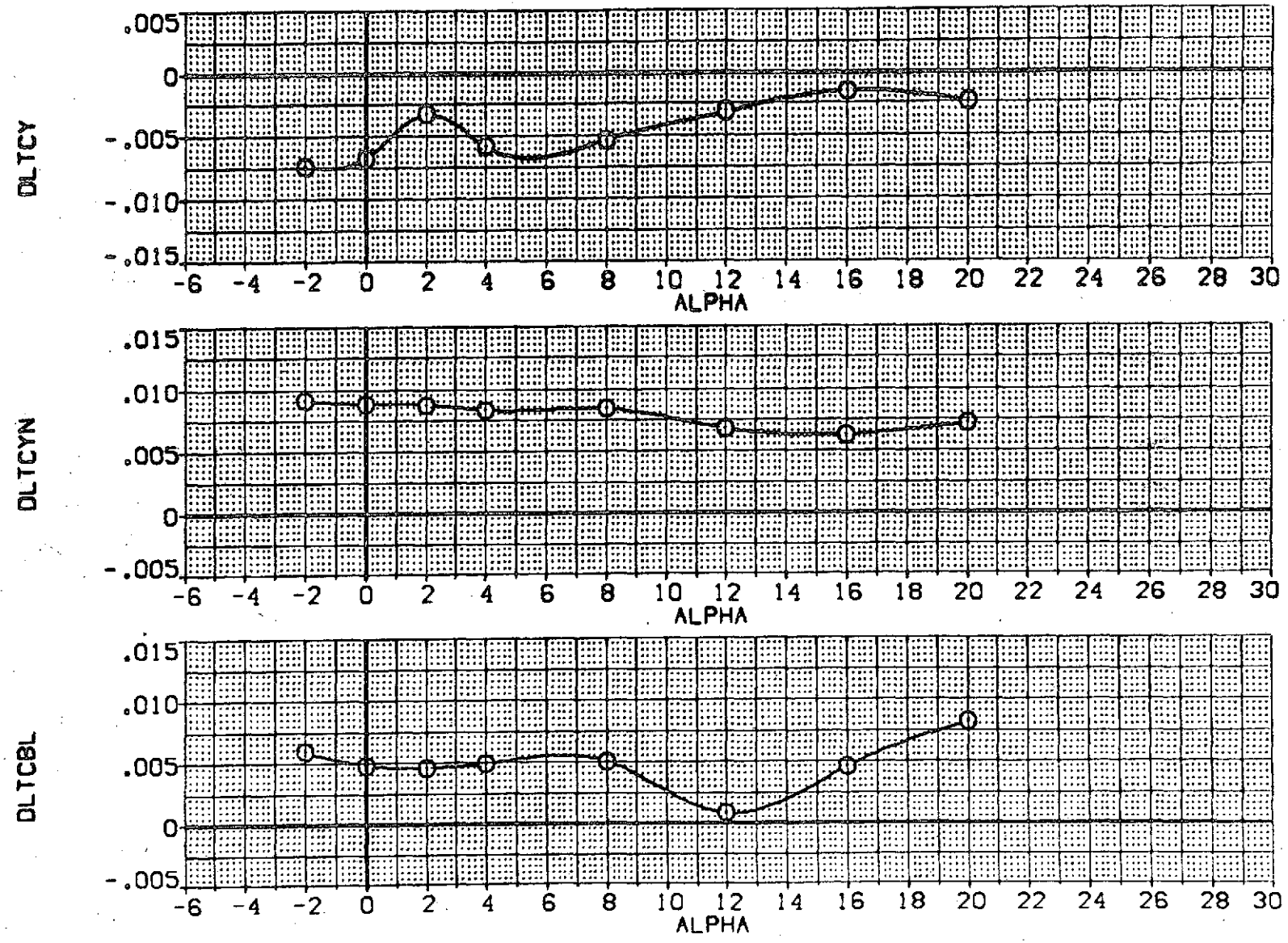
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(A)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARC8-686(0A-118) [826C9F8M16N28](V11BE43](V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

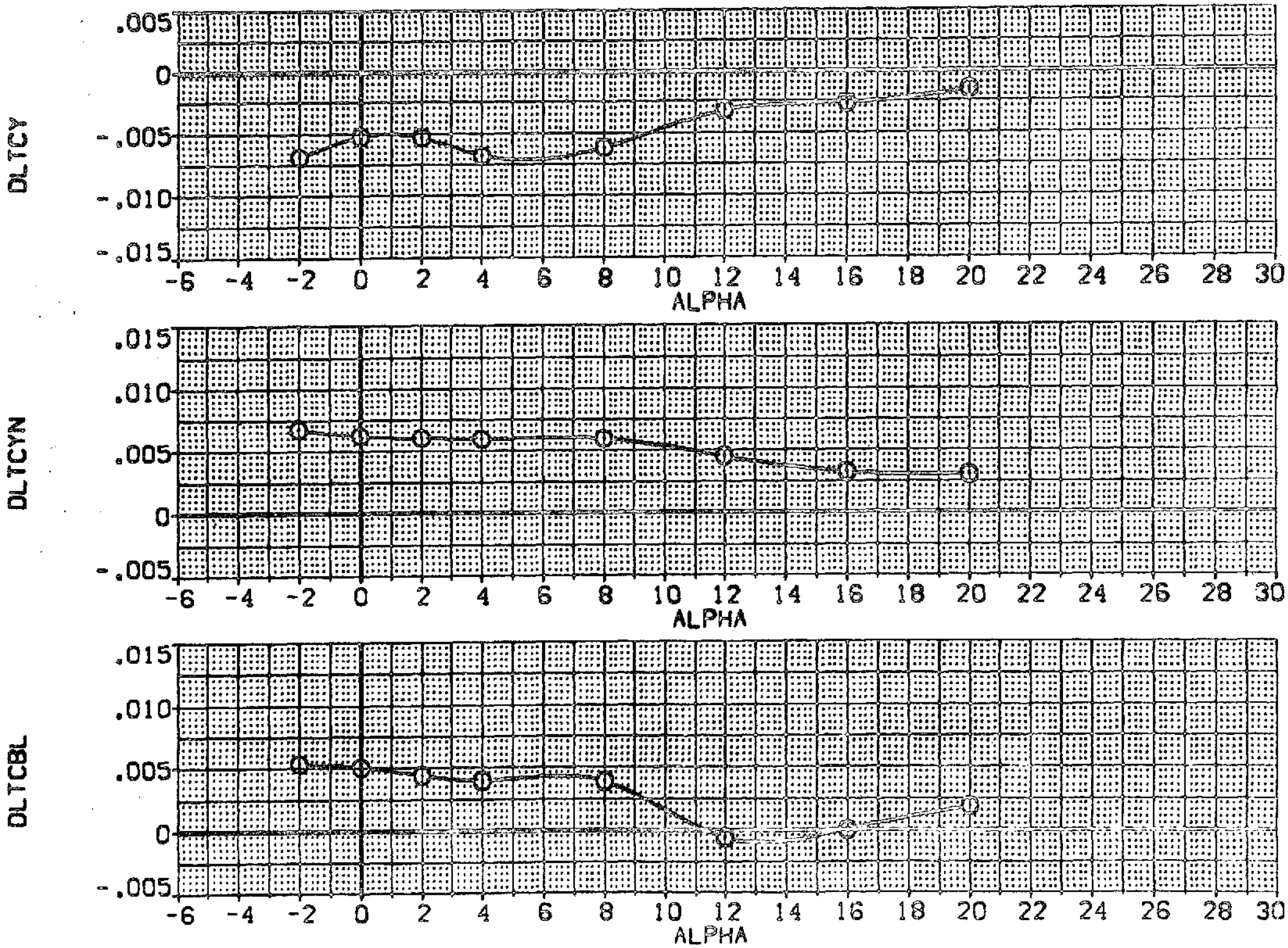
(A)MACH = .35

DATA SET SYMBOL CONFIGURATION DESCRIPTION
(FHU023) ○ LARC0-008(OA-118) (B28C85FCH10N29)(V110E40)(VC73)

DEL-LO	ELV-LI	ELV-RI	DEL-RO
10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION

SREF	3300.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6900	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

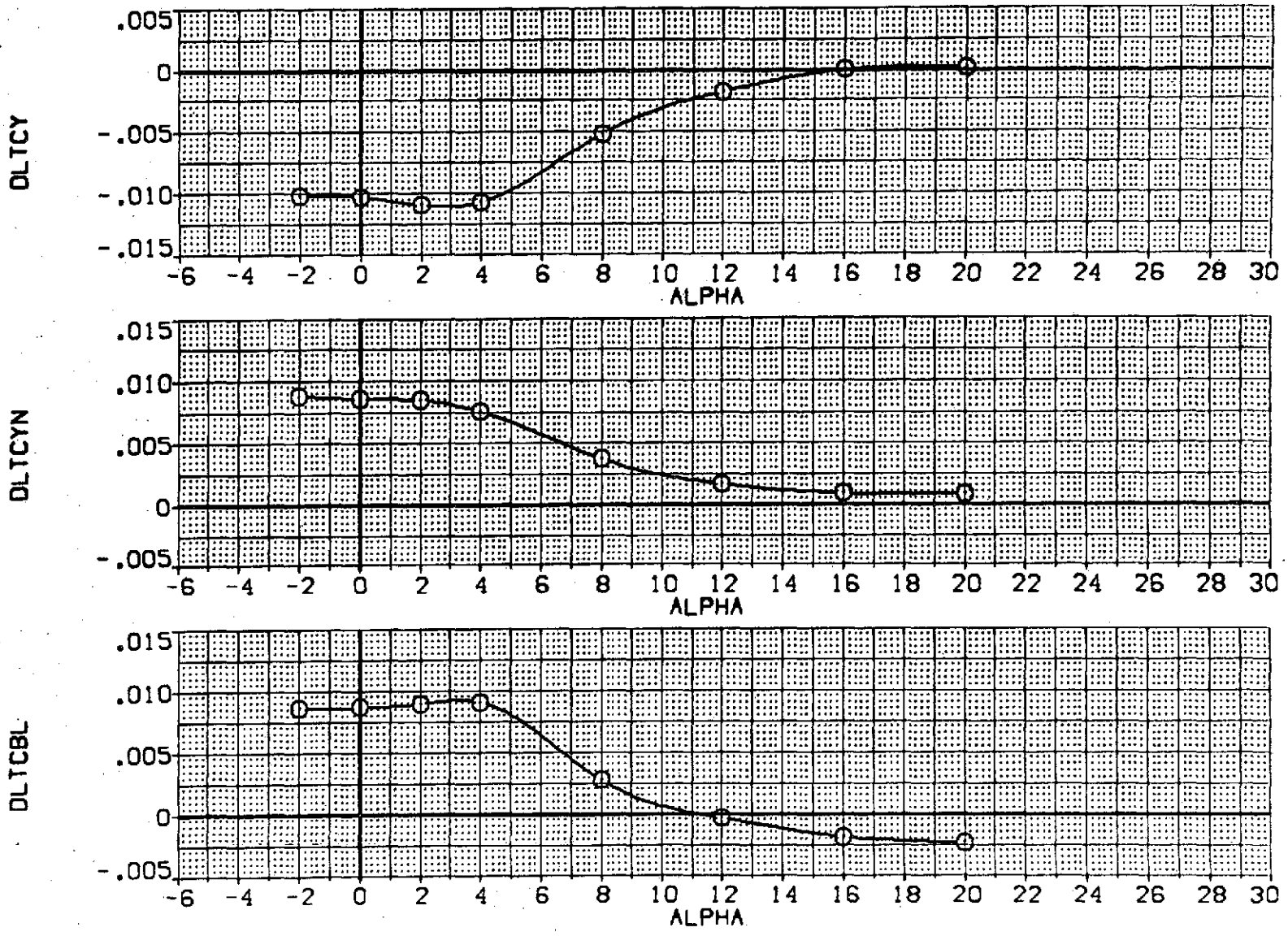


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHJ029) ○	LARC8-686(0A-116) (B26C9F8M16N20)(V)(8E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

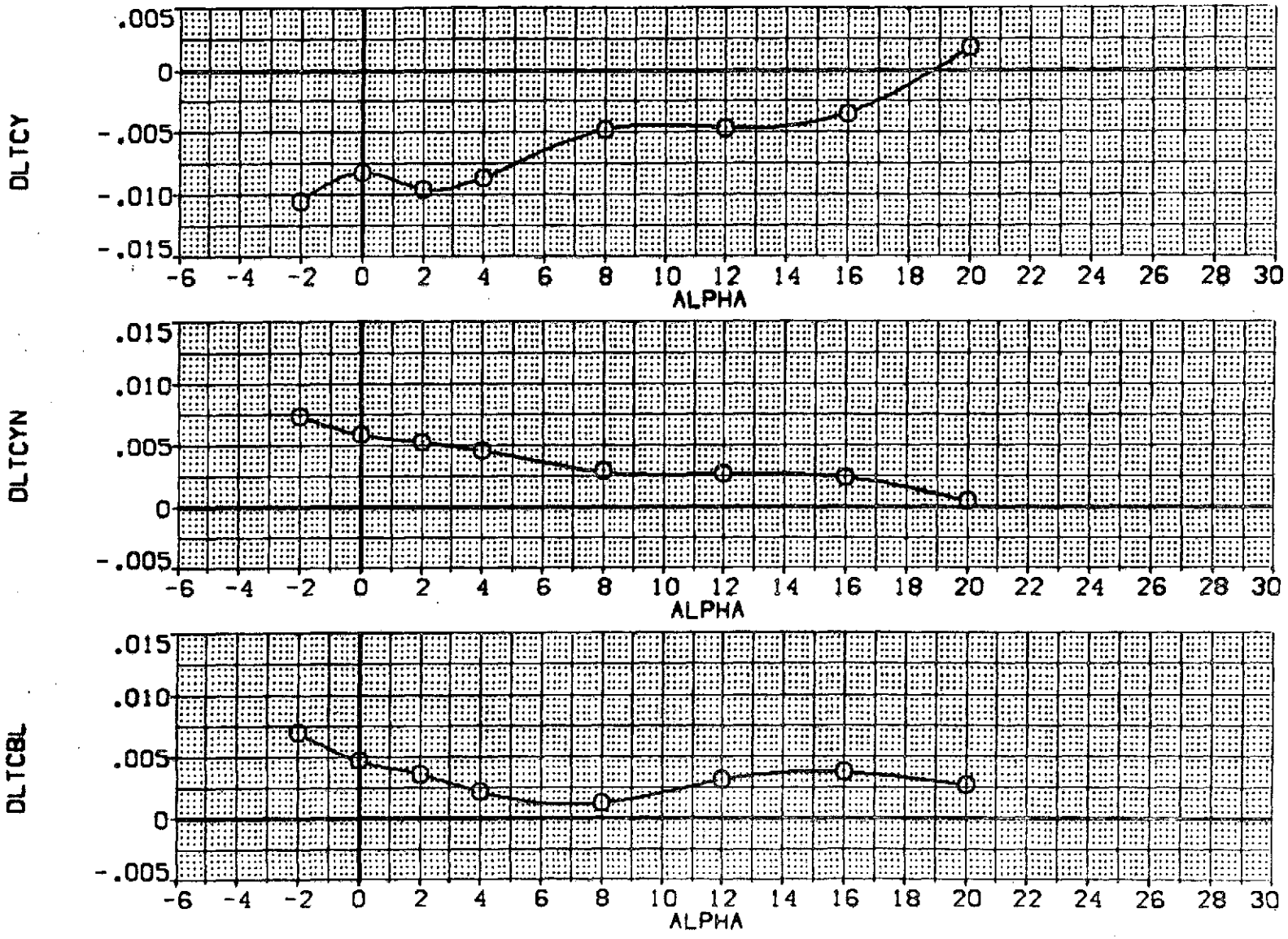


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARC8-686(0A-116) (826C9F8M16N20)(V116E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

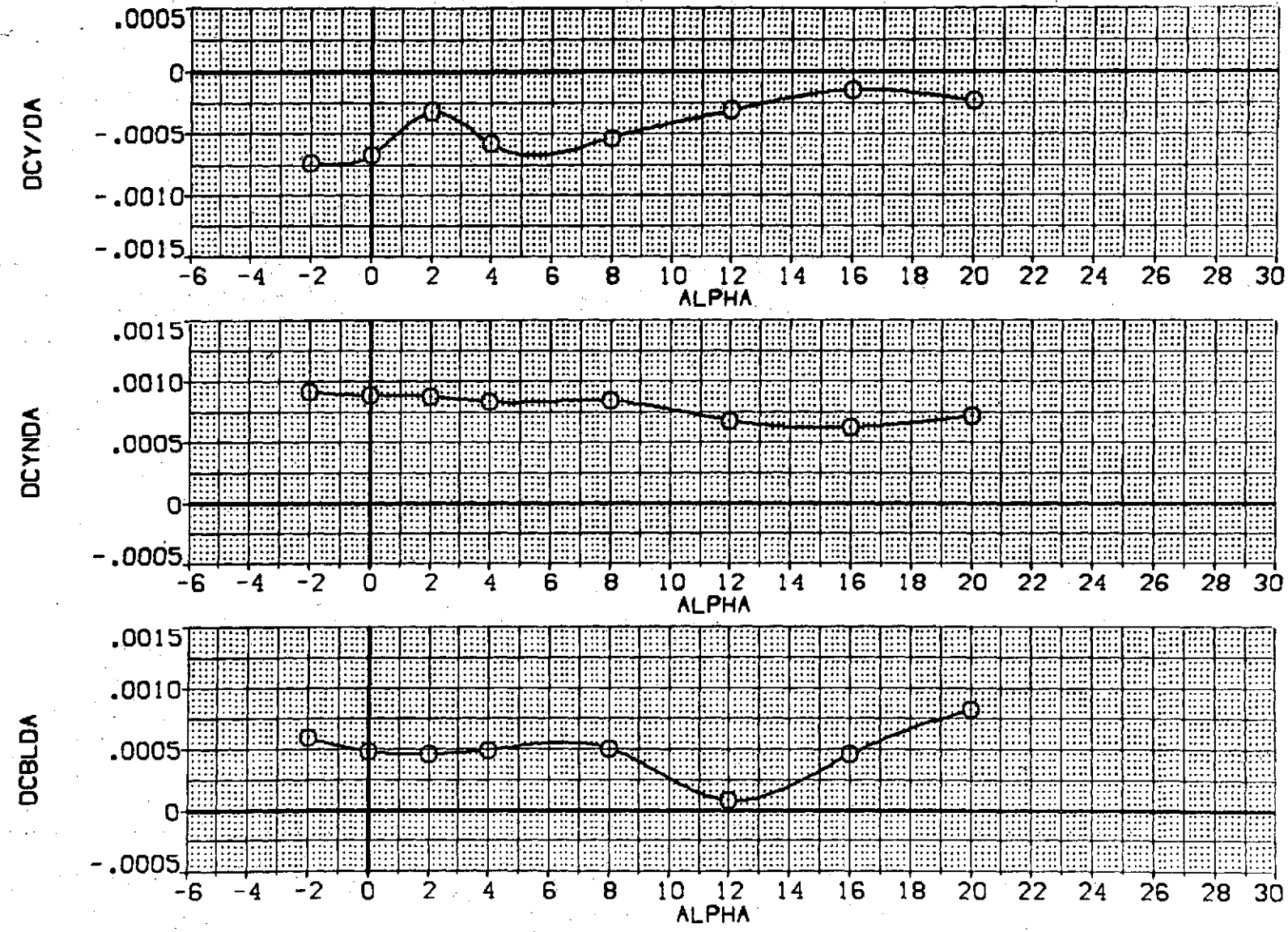


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARC8-686(0A-11S) (B26C9F8M18N28)(V11GE43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



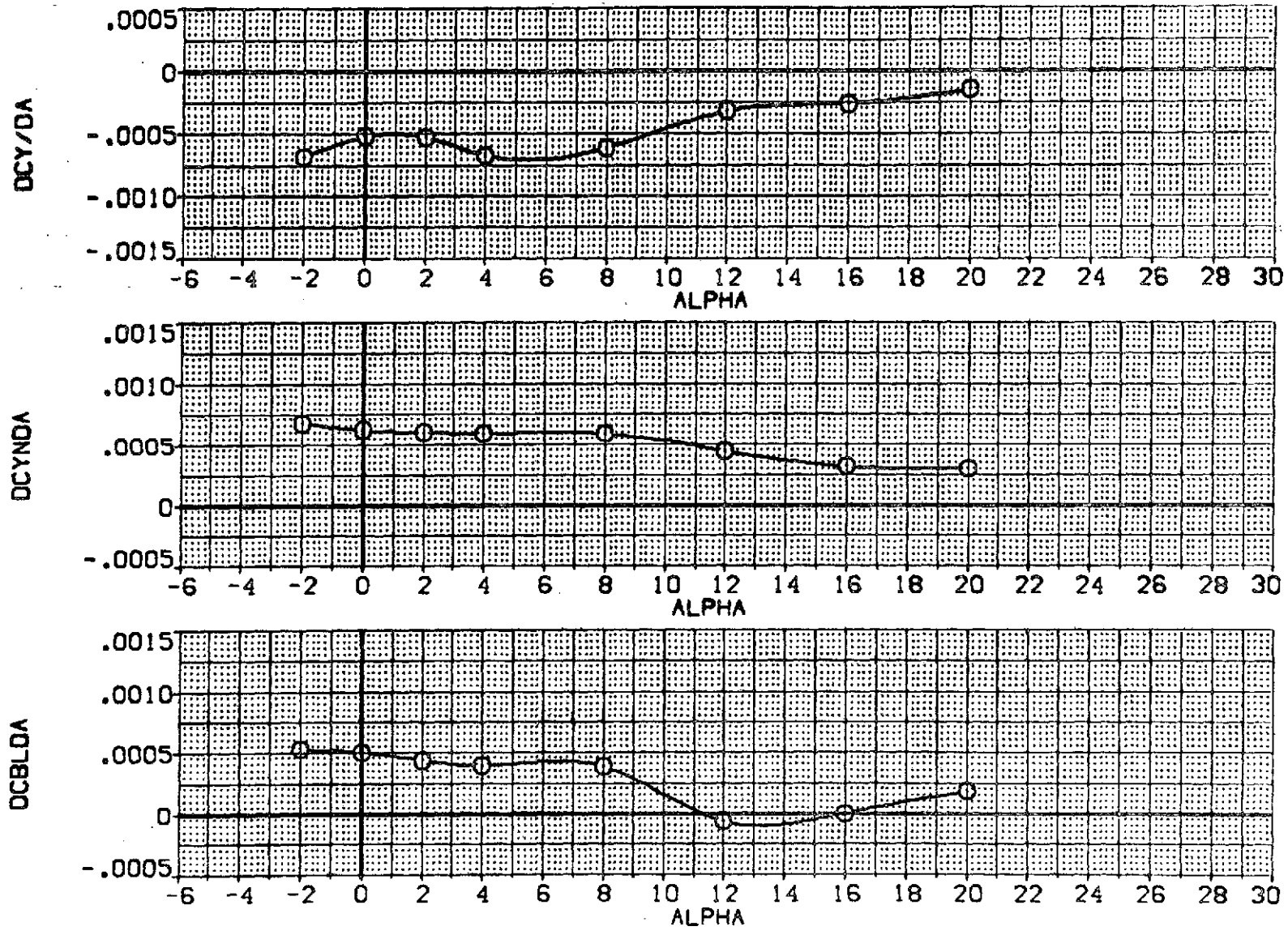
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

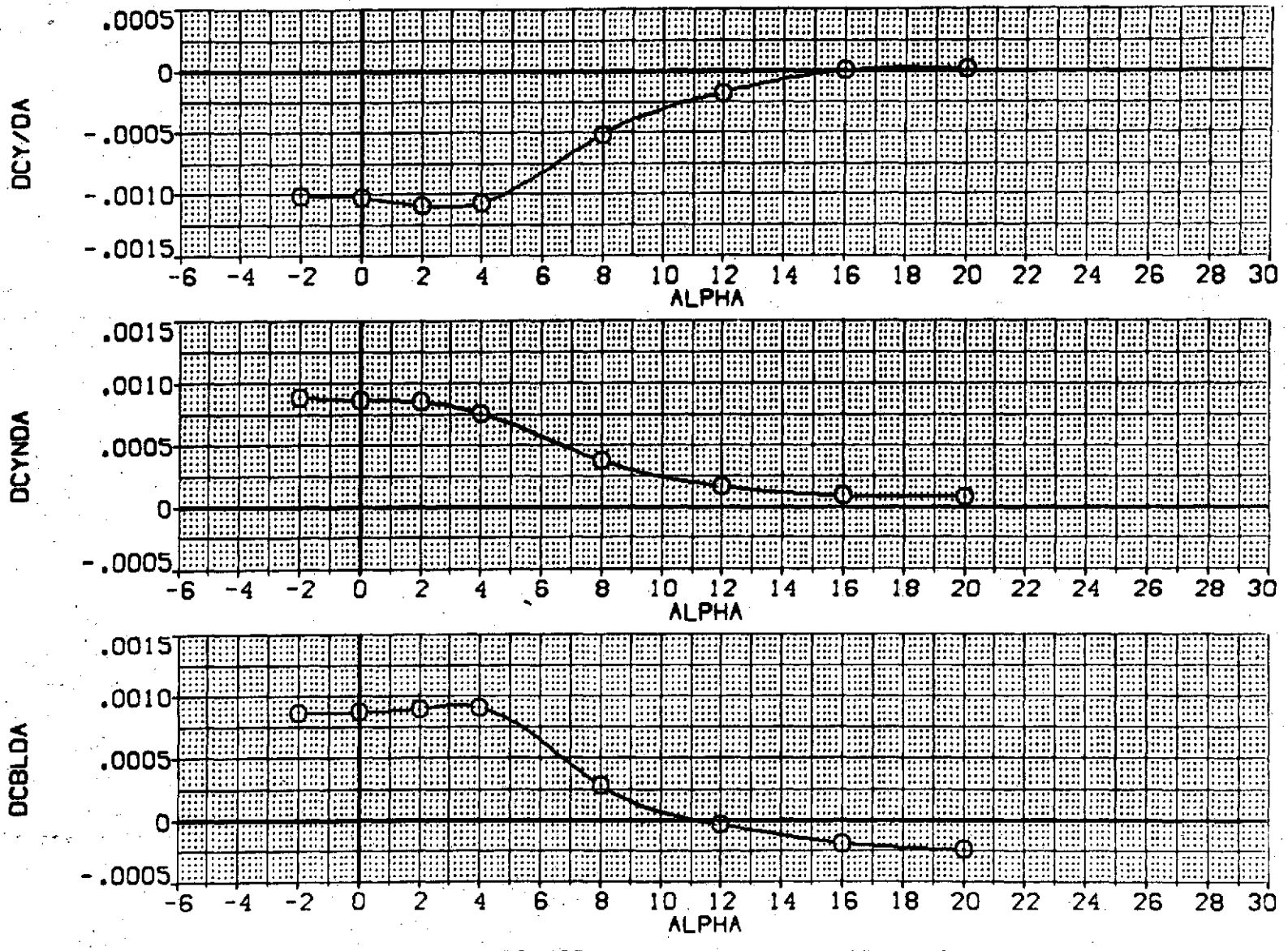


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029)	○	LARC8-686(0A-116) (B26C9FBMIGN28)(WI)BE43)(VBR5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



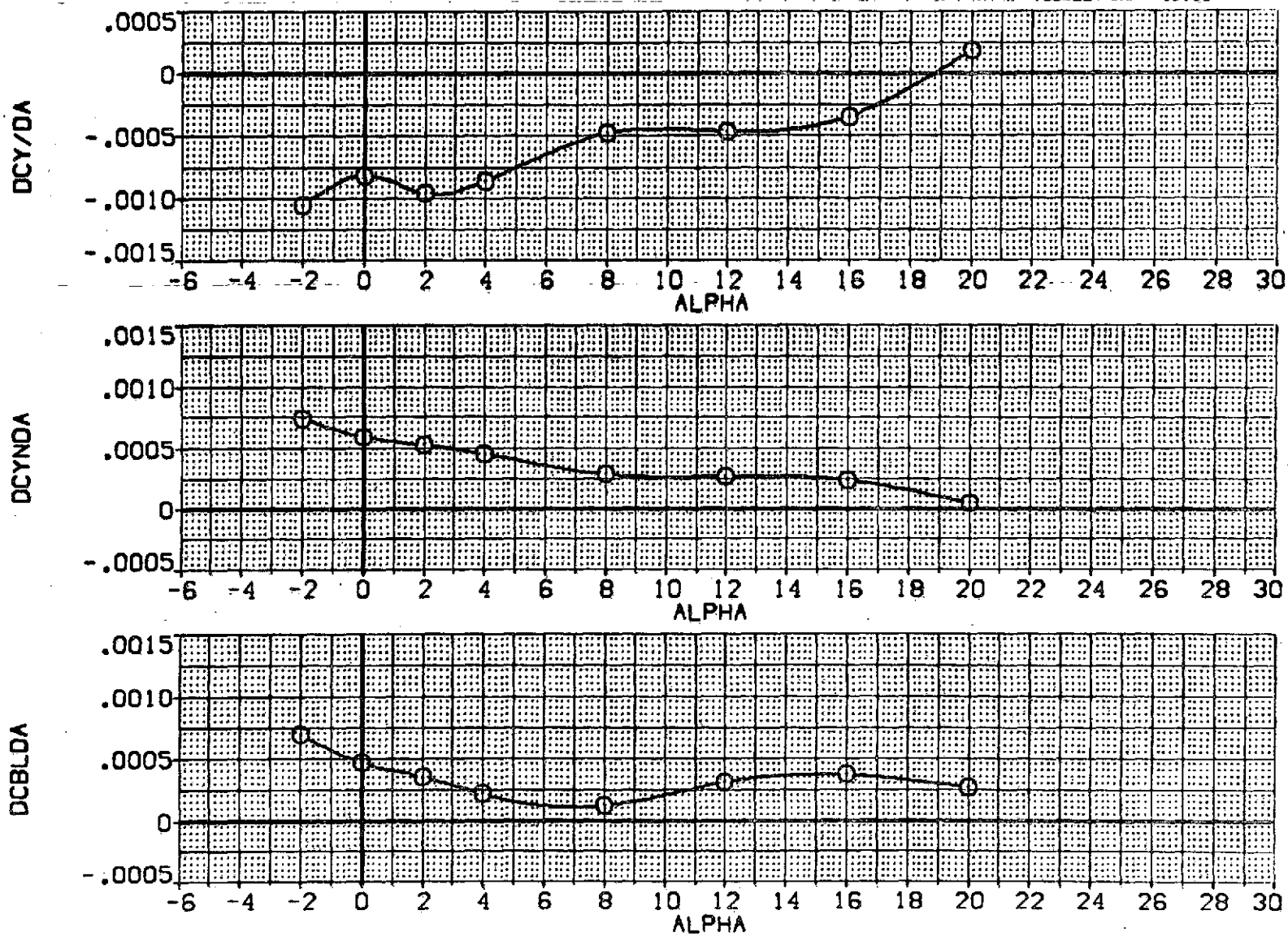
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHJ029) ○	LARC8-686(0A-116) (826C9FBM16N28)(V116E43)(VBR5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



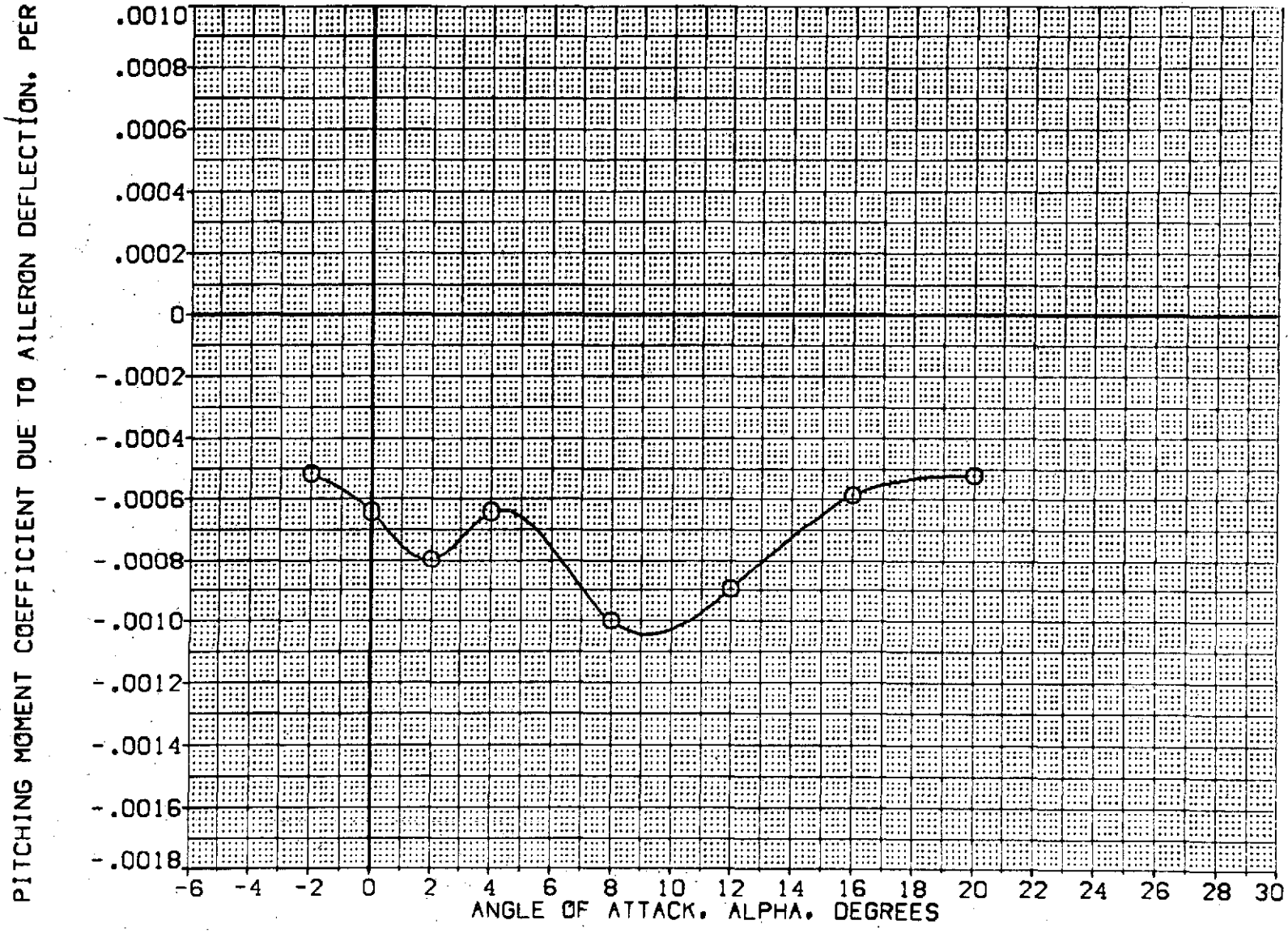
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) O	LARC8-686(0A-116) (826C9F8M(6N28)(V1(6E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

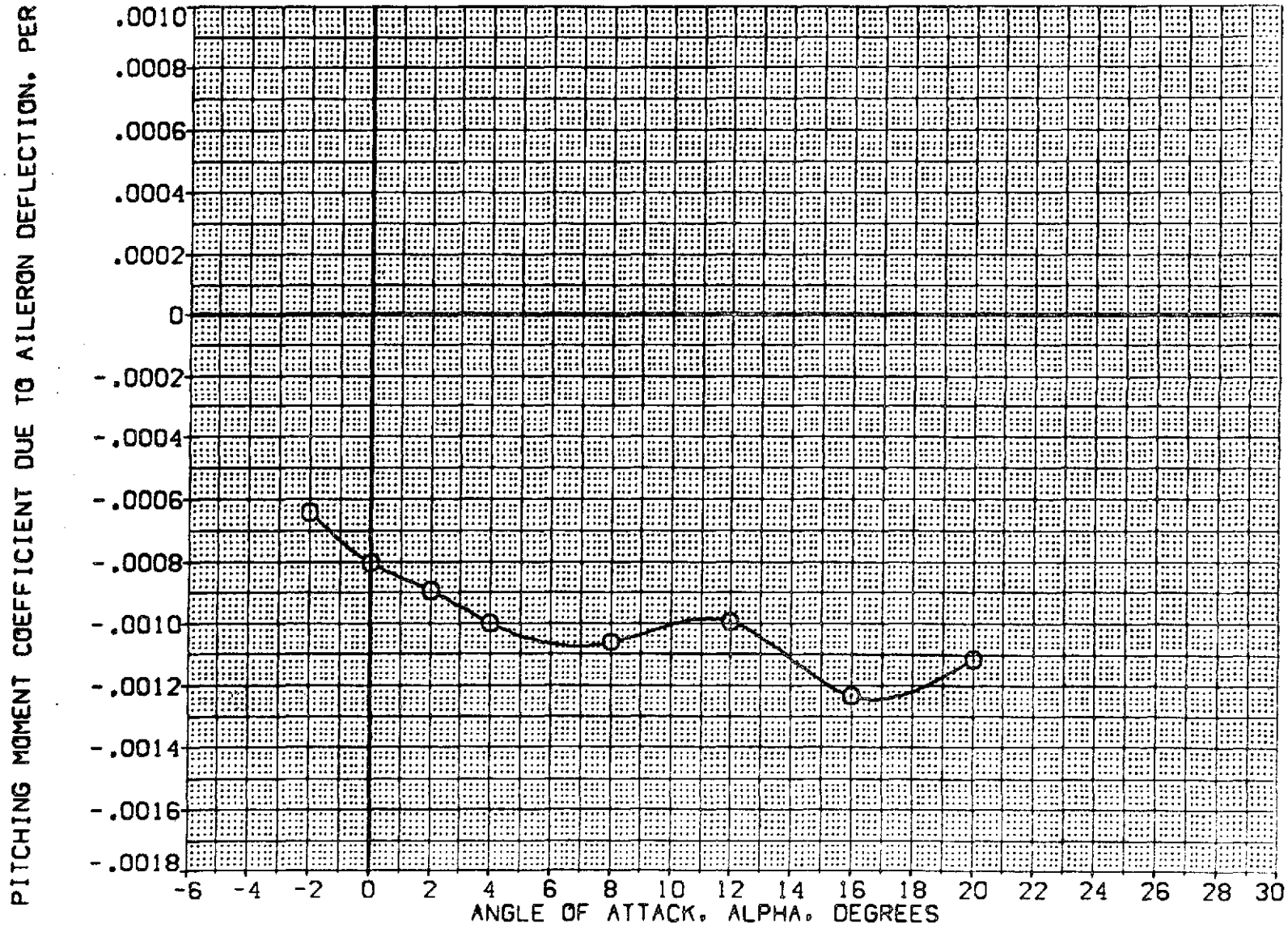


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

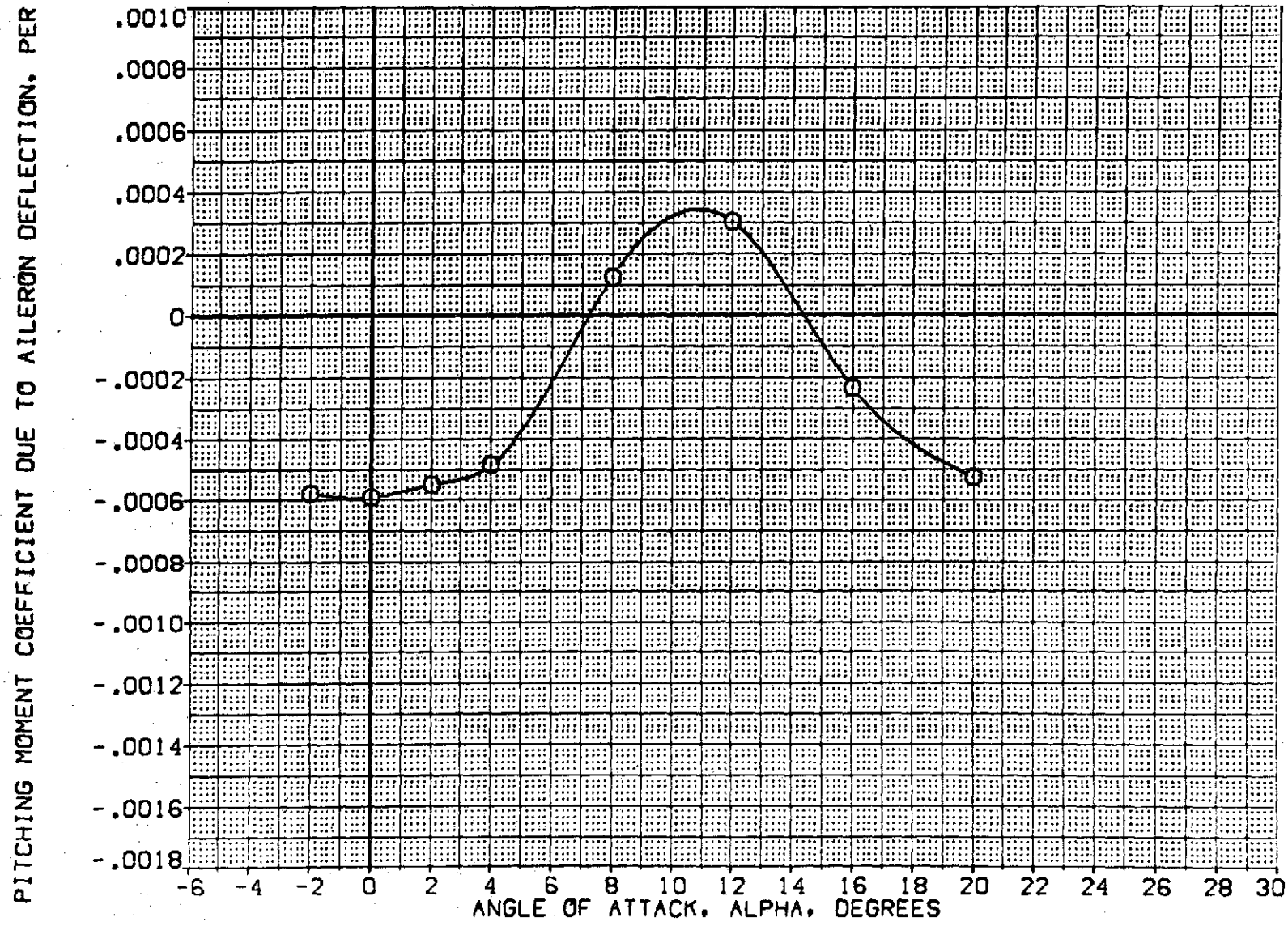


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

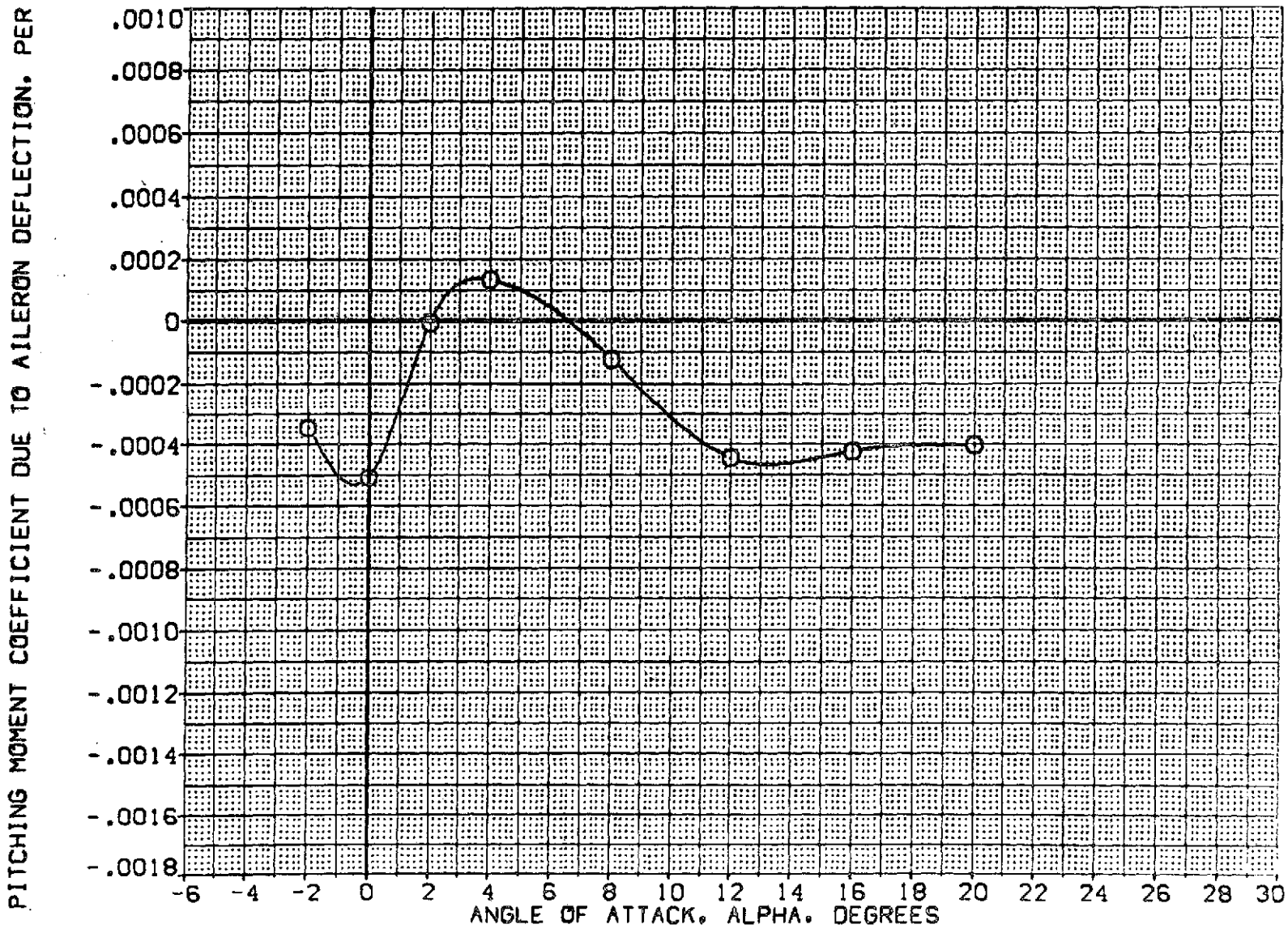


EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DEL-LO	ELV-LI	ELV-RI	DEL-RO
(FHU029) ○	LARCB-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	10.000	-20.000	-20.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



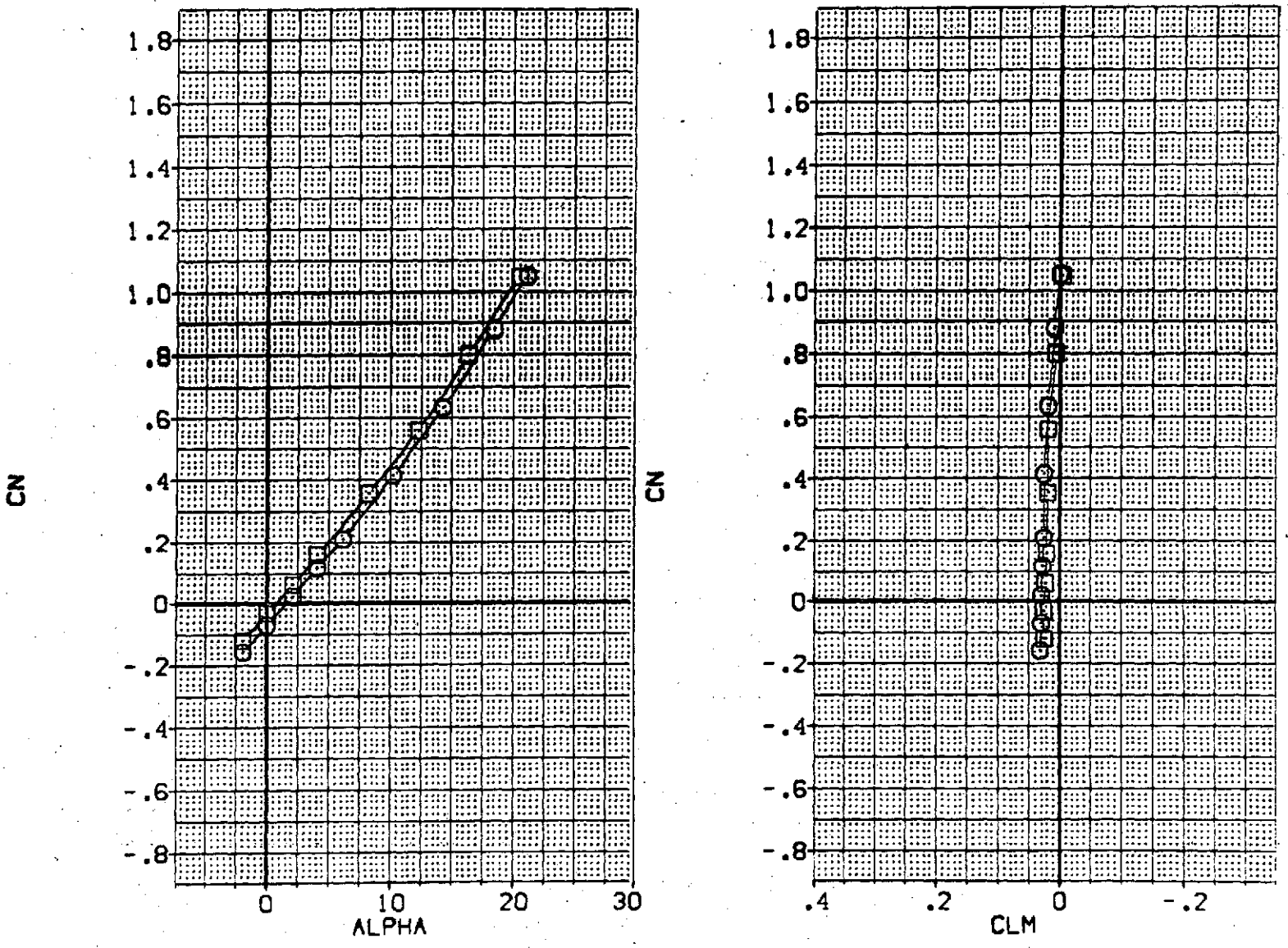
EFFECT OF OUTBOARD AILERON DEFLECTION ABOUT A FULL SPAN -20 DEG ELEVATOR DEFLECT

(D)MACH = 1.20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-685(0A-116) (926C8F8M16N28)(V)16E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-685(0A-116) (926C8F8 N28)(V)16E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

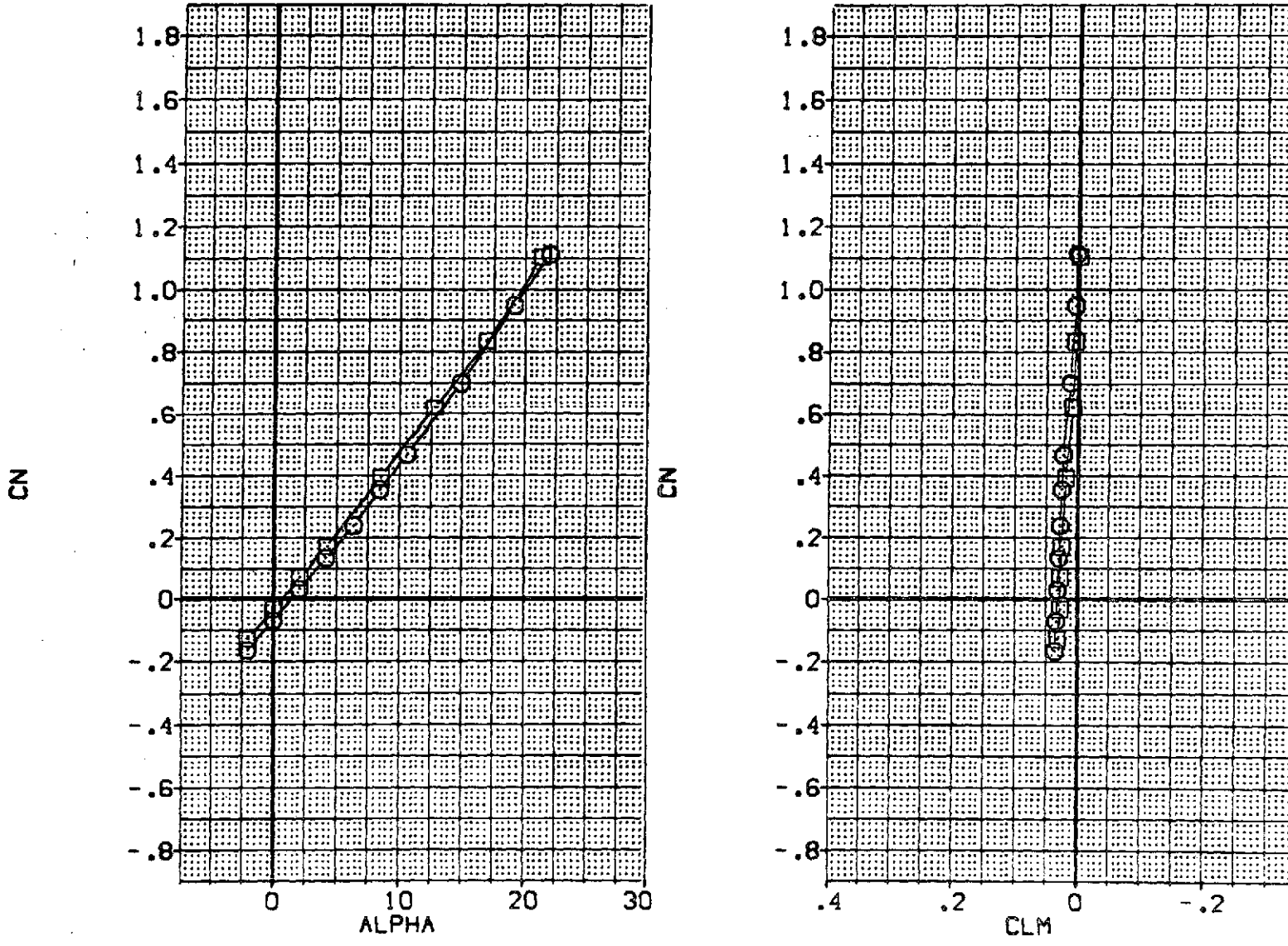


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARCB-686(DA-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	LARCB-686(DA-116) (826C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

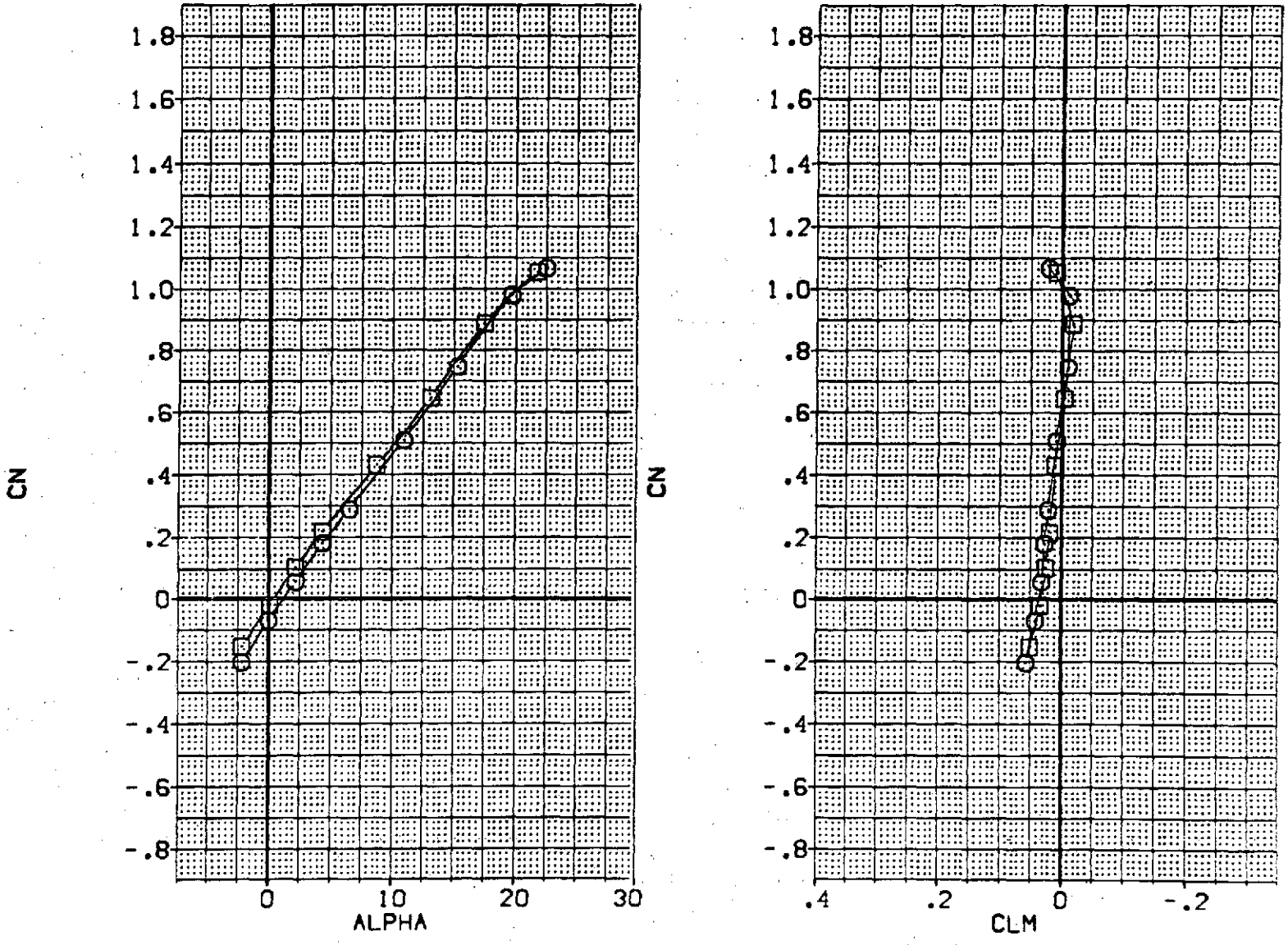


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	⊟	LARC8-686(0A-116) (826C9F8M16N20)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	⊟	LARC8-686(0A-116) (826C9F8 N20)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

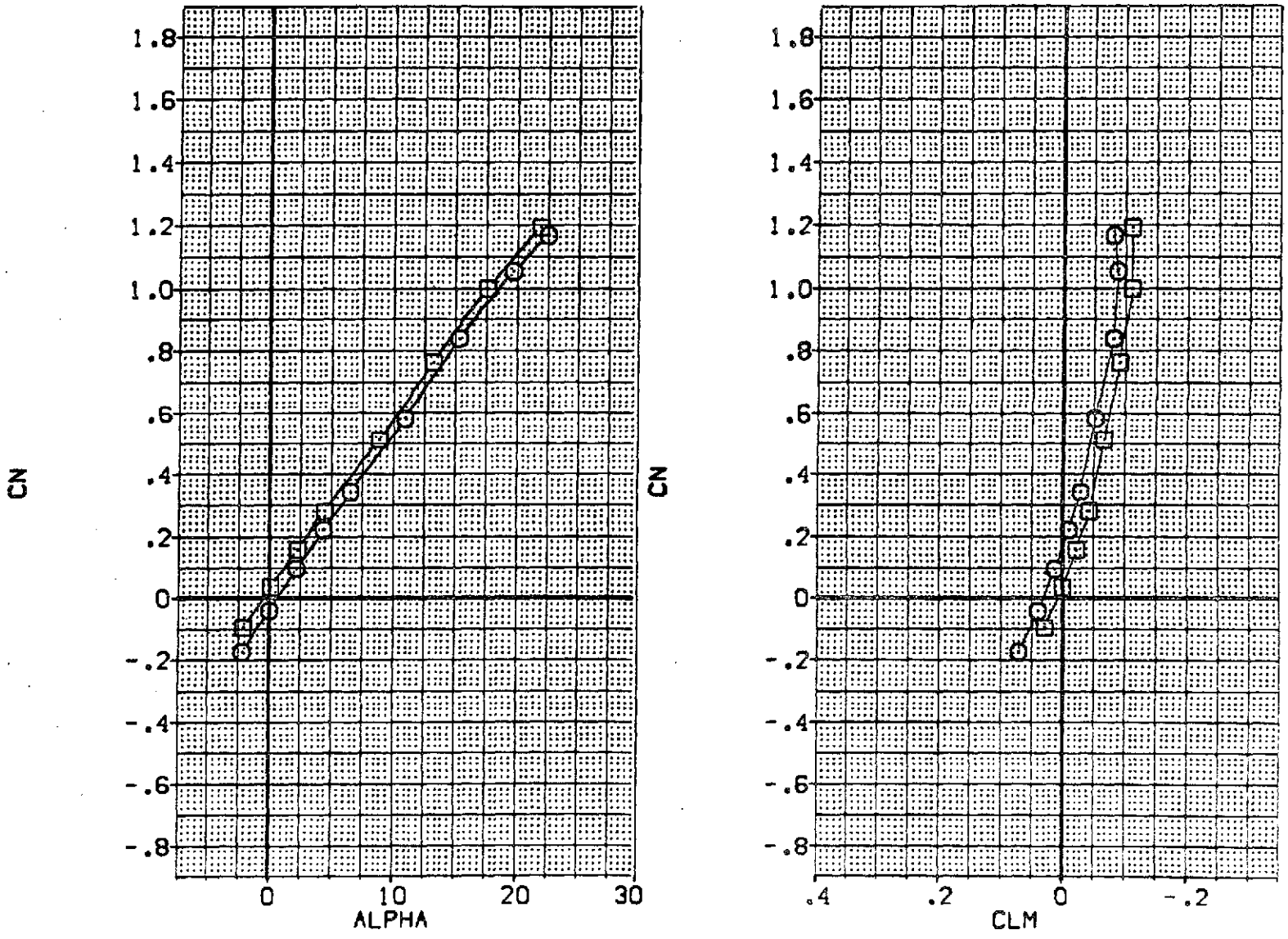


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(VBR5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (826C9F8 N28)(W)(6E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



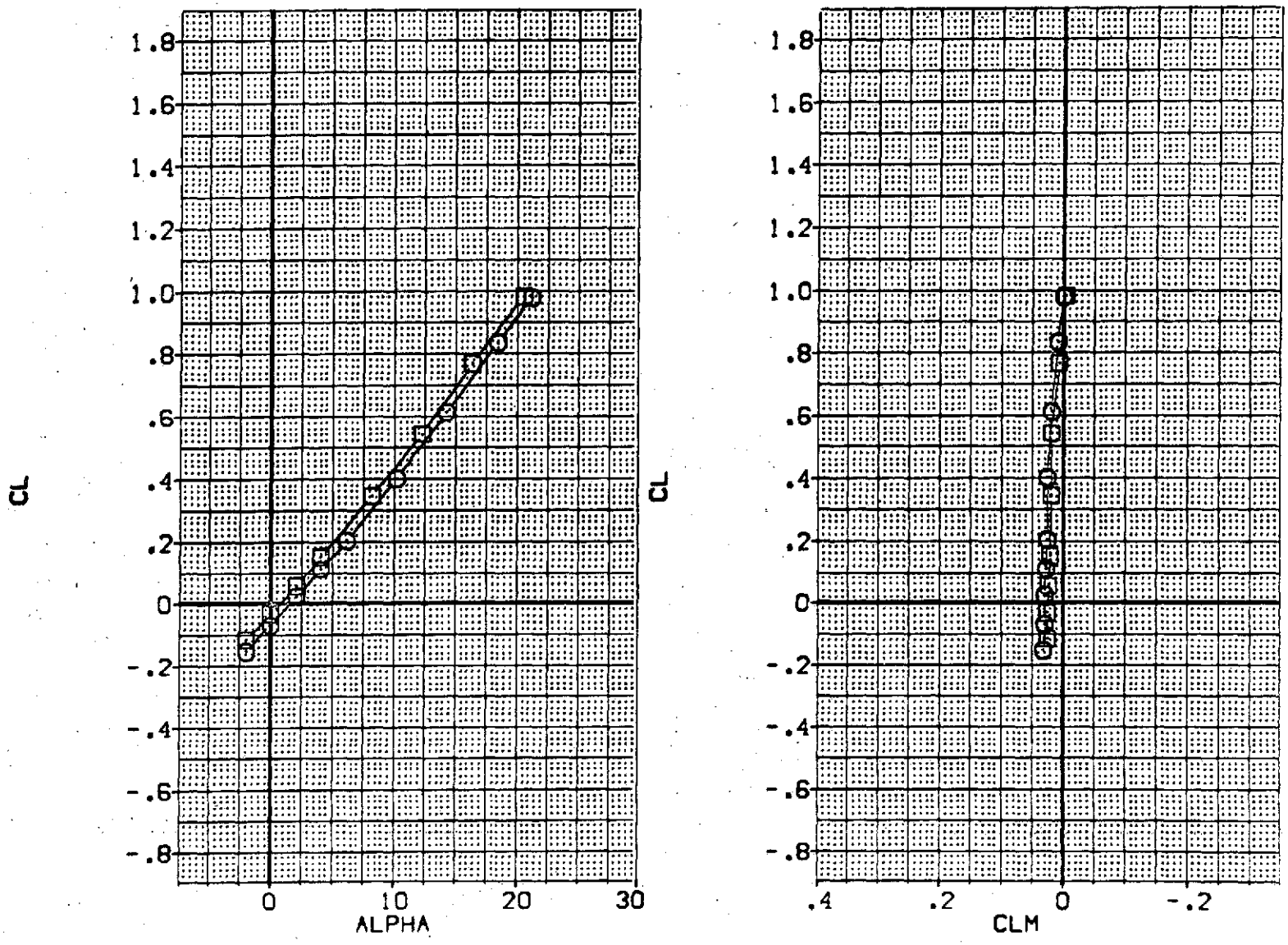
EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001) ○	LARC8-686(0A-116) (B26C9F8M(GN28)(V)(6E43)(V8R5)	.000	.000	.000	.000
(DHU002) □	LARC8-686(0A-116) (B26C9F8 N28)(V)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

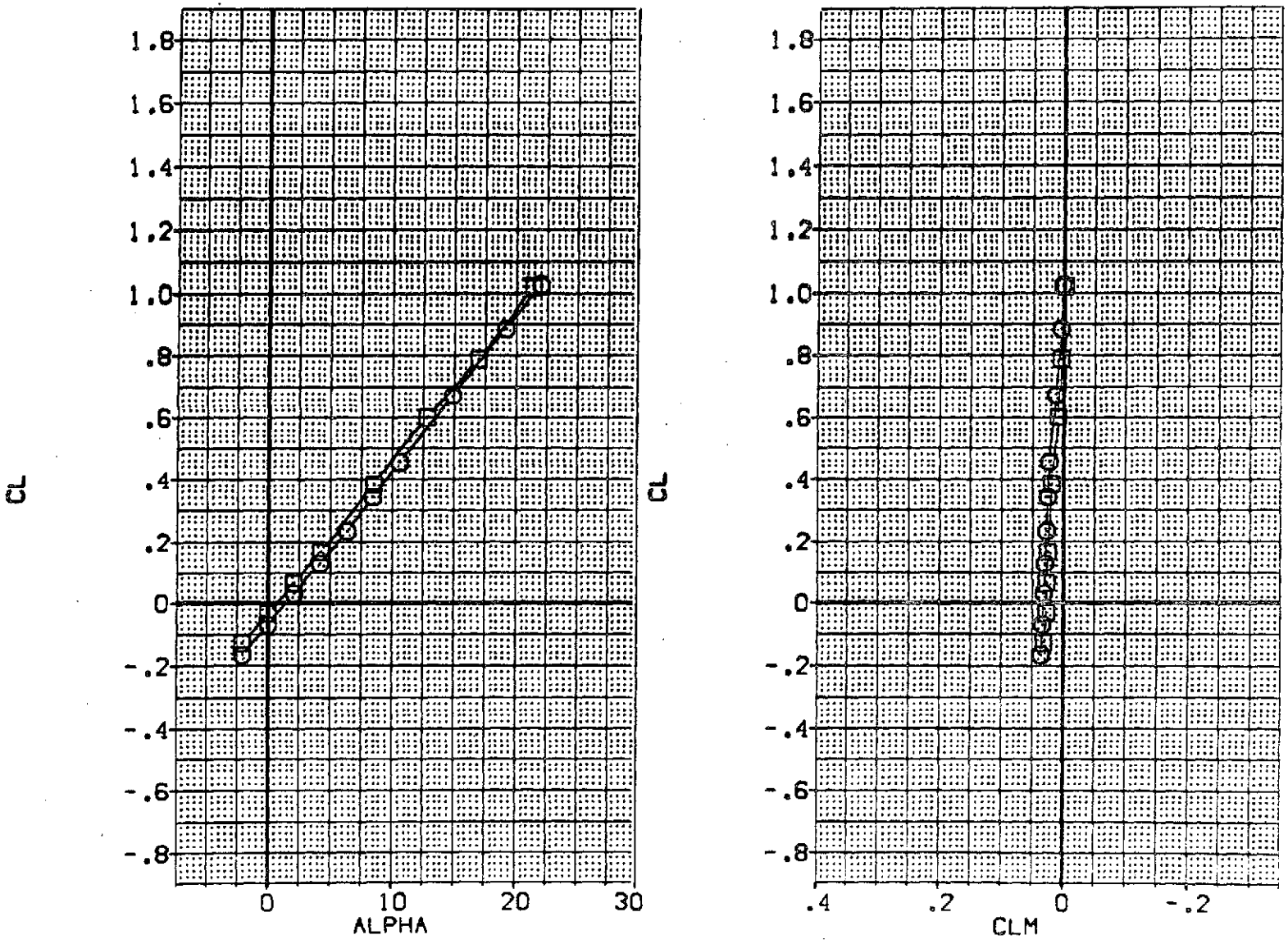


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (B26C9F8 N20)(V)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



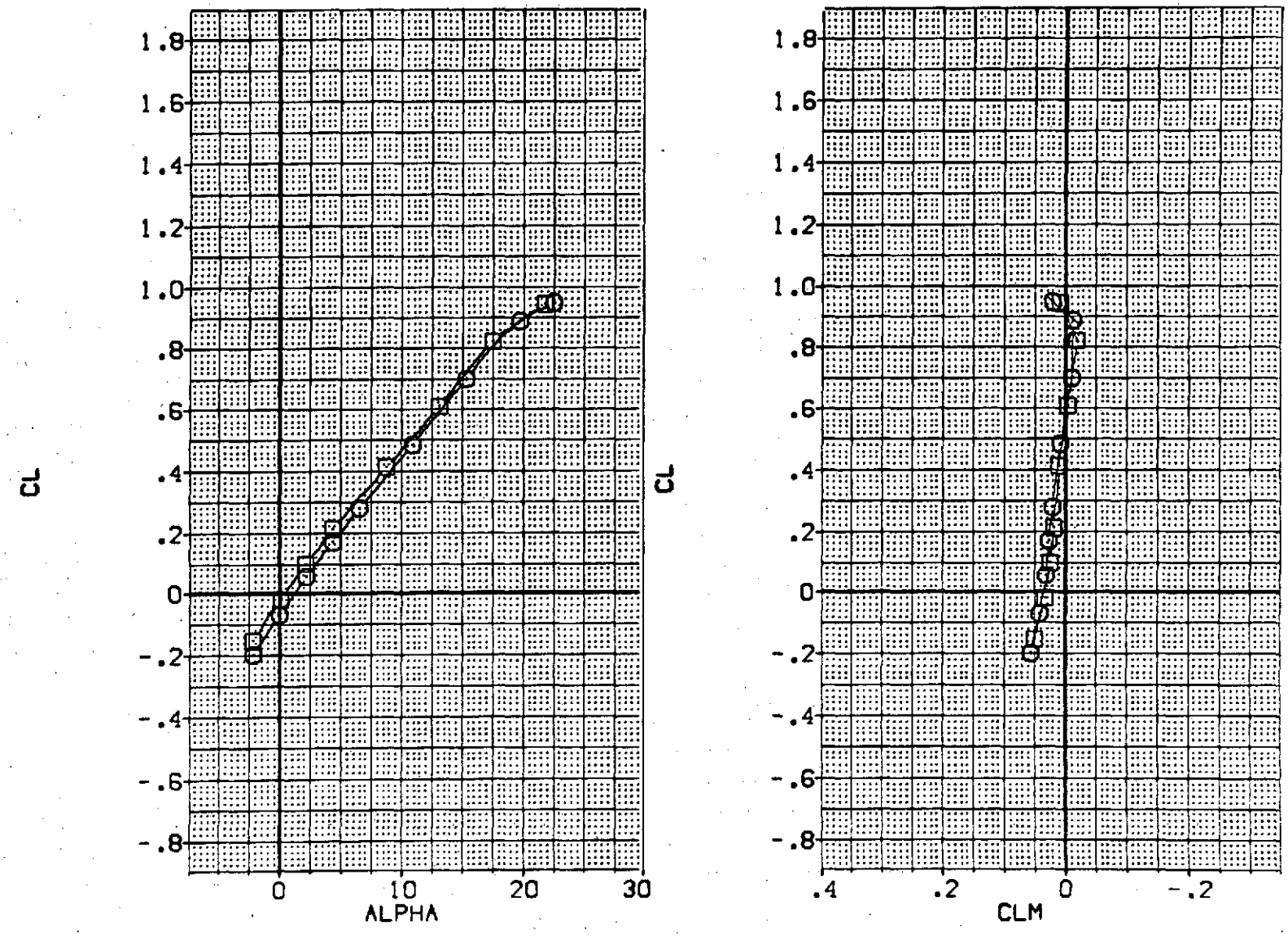
EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-686(0A-116) (826C9F8MIGN28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (826C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

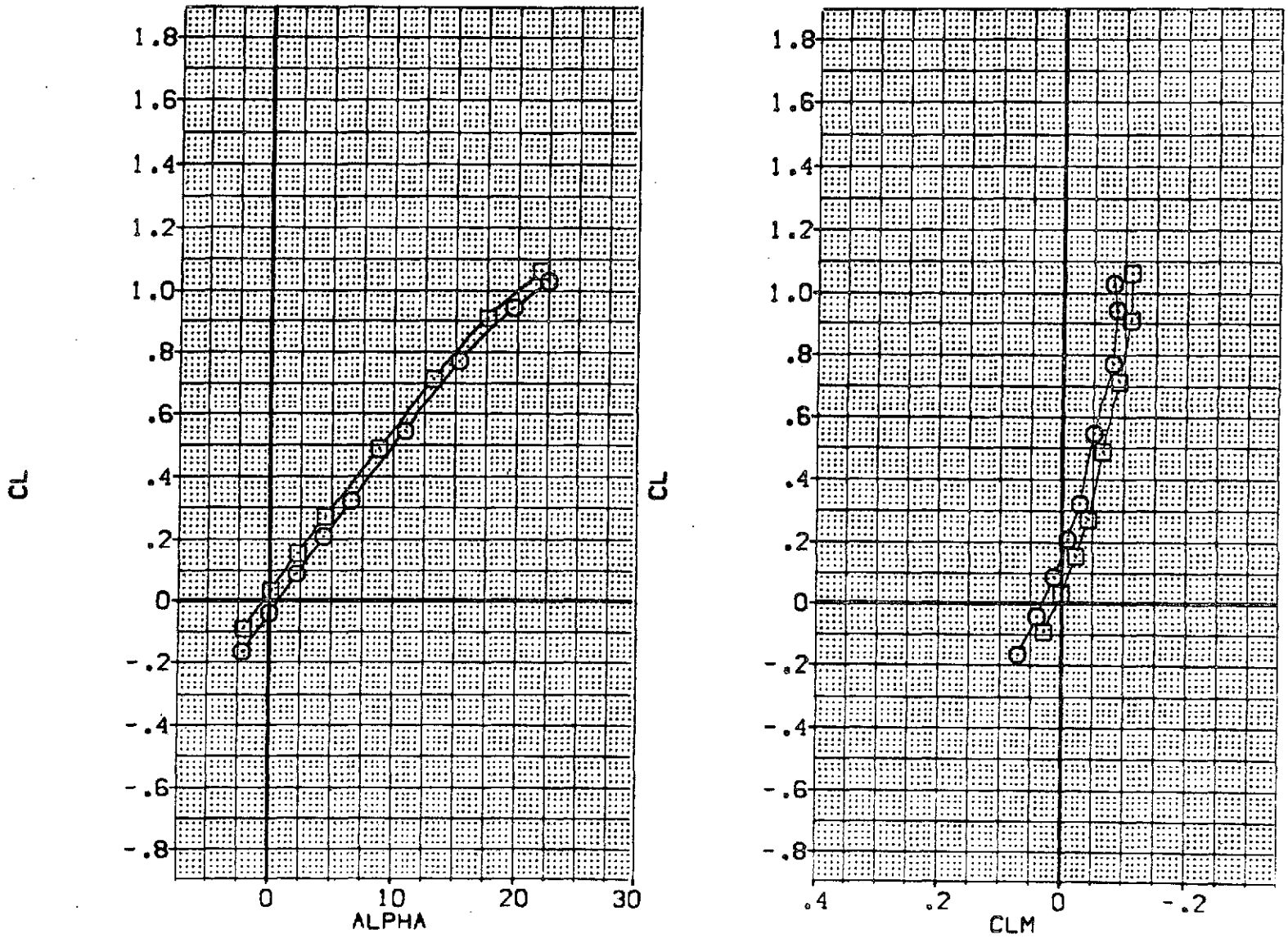


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-686(0A-116) (826C9F8M1GN20)(V)16E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (826C9F8 N20)(V)16E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

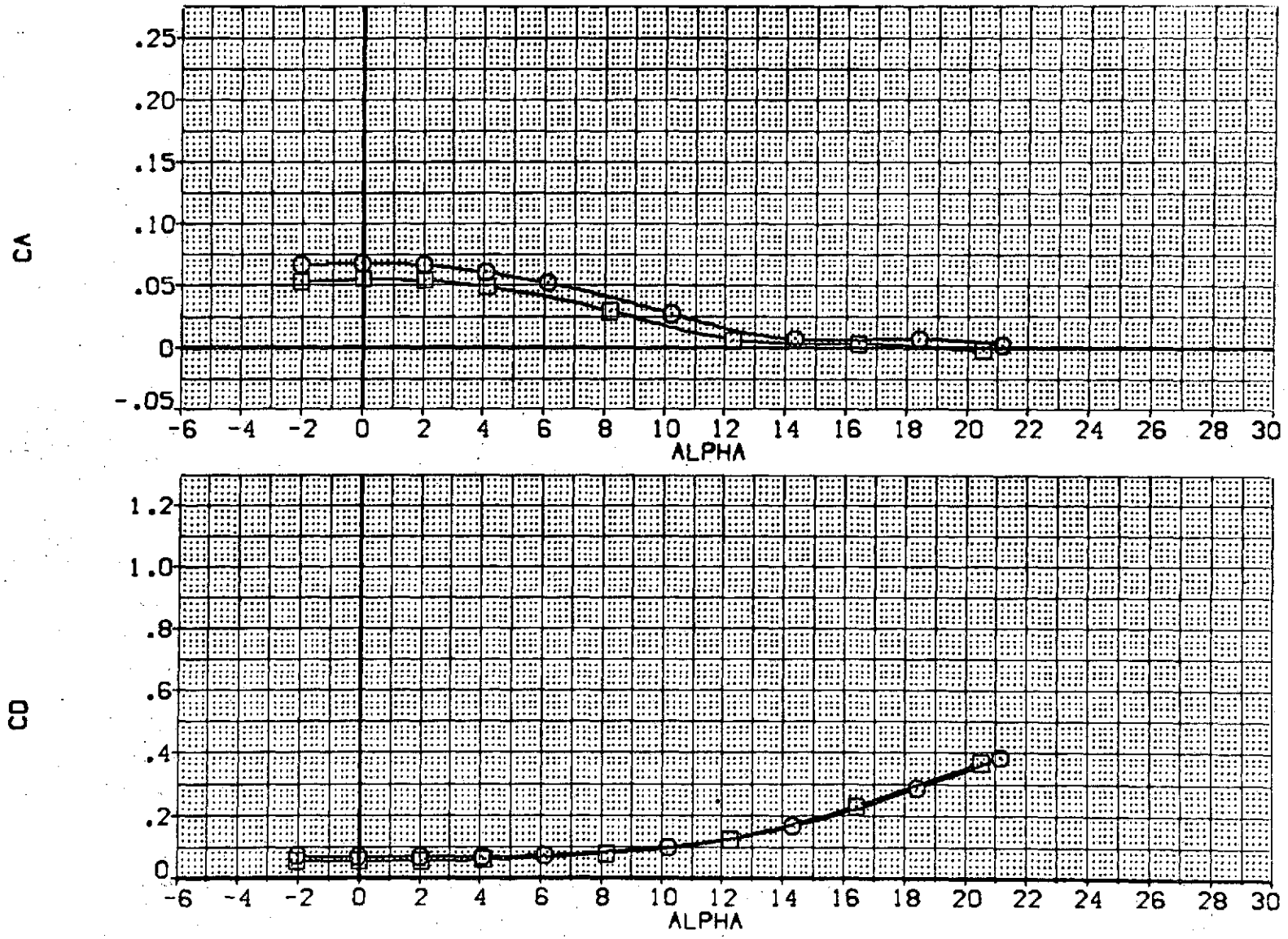


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(D)MACH = 1.20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	8	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (826C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

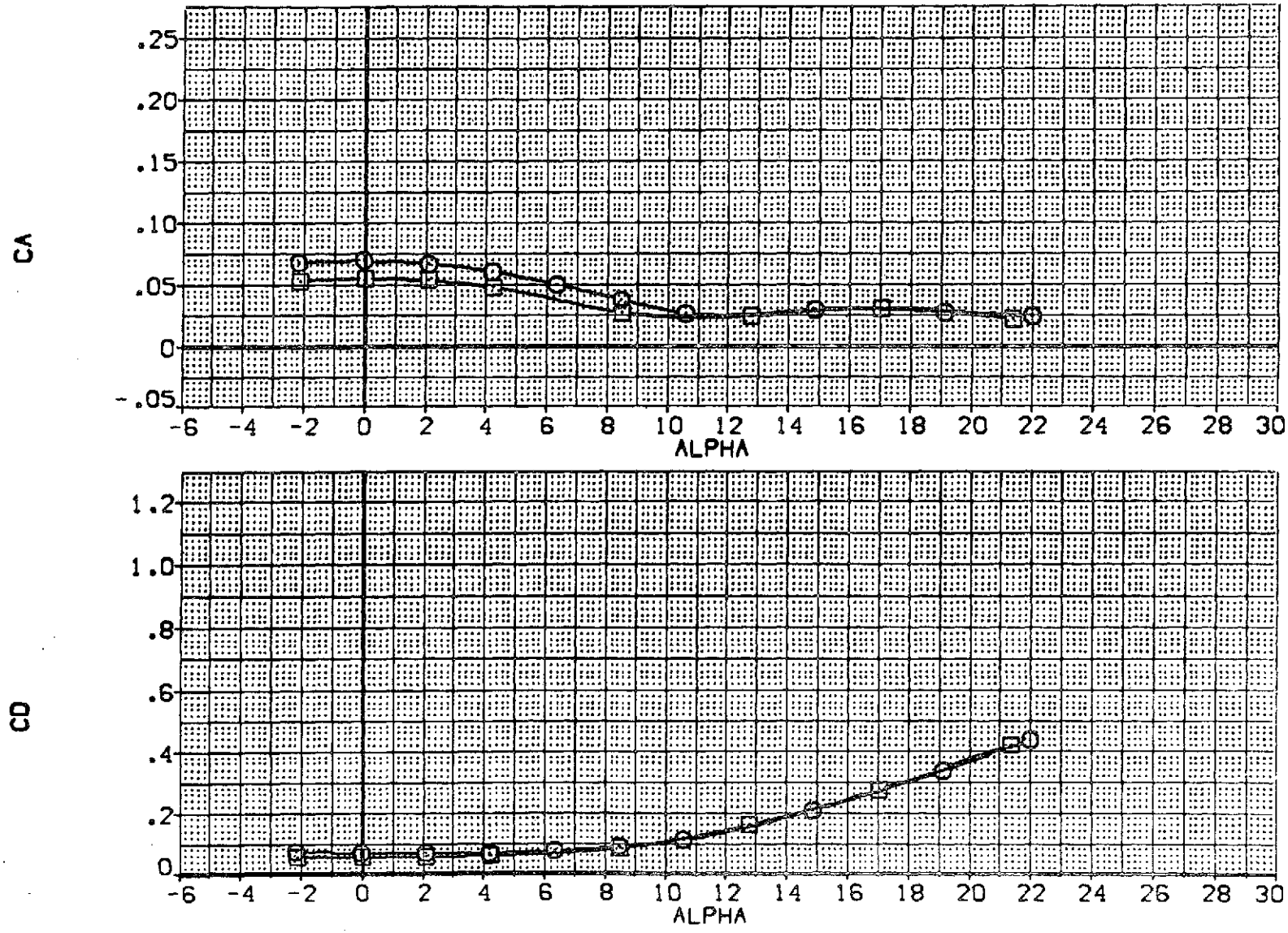


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001) ○	LARCB-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU002) □	LARCB-686(0A-116) (826C9F8 N28)(W)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



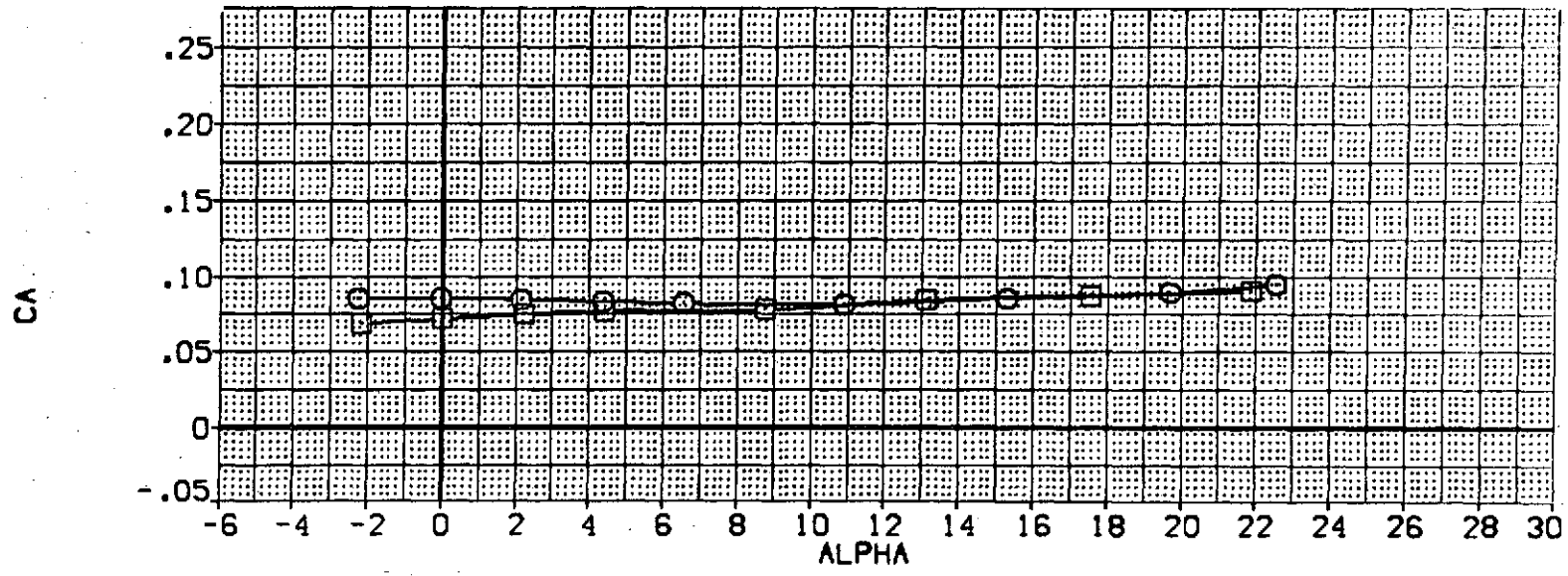
EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

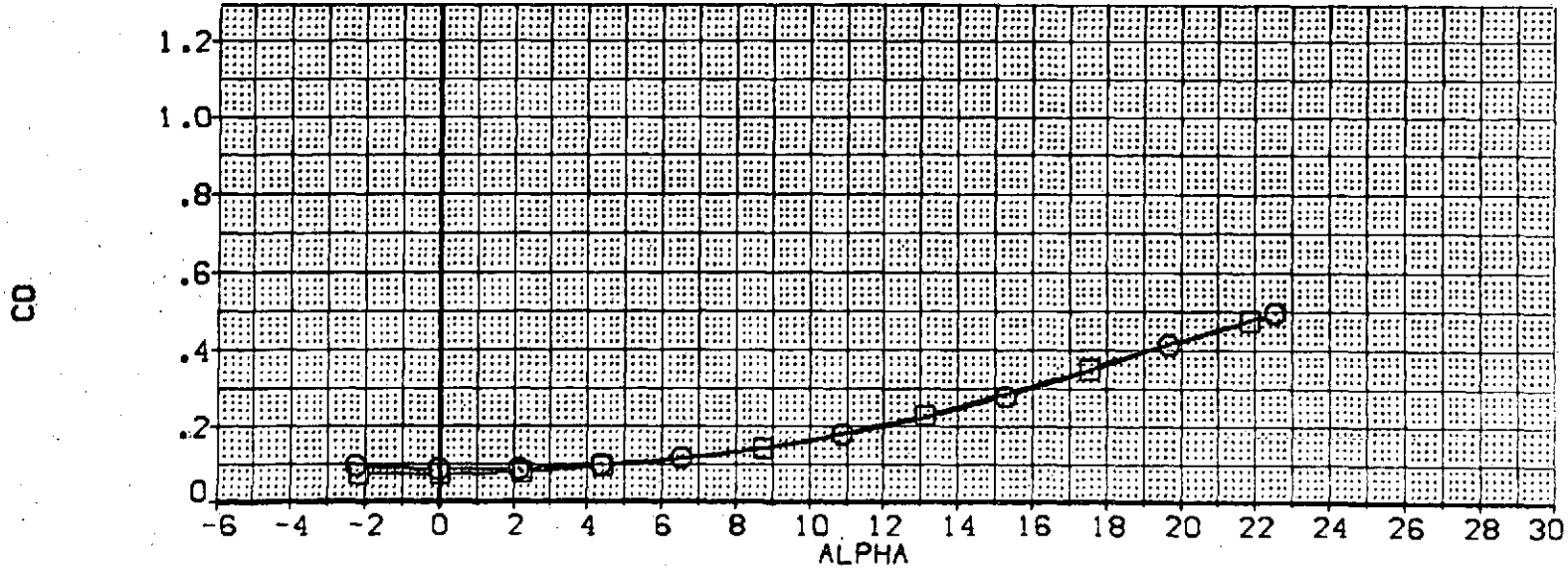
(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (B26C9F8 N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



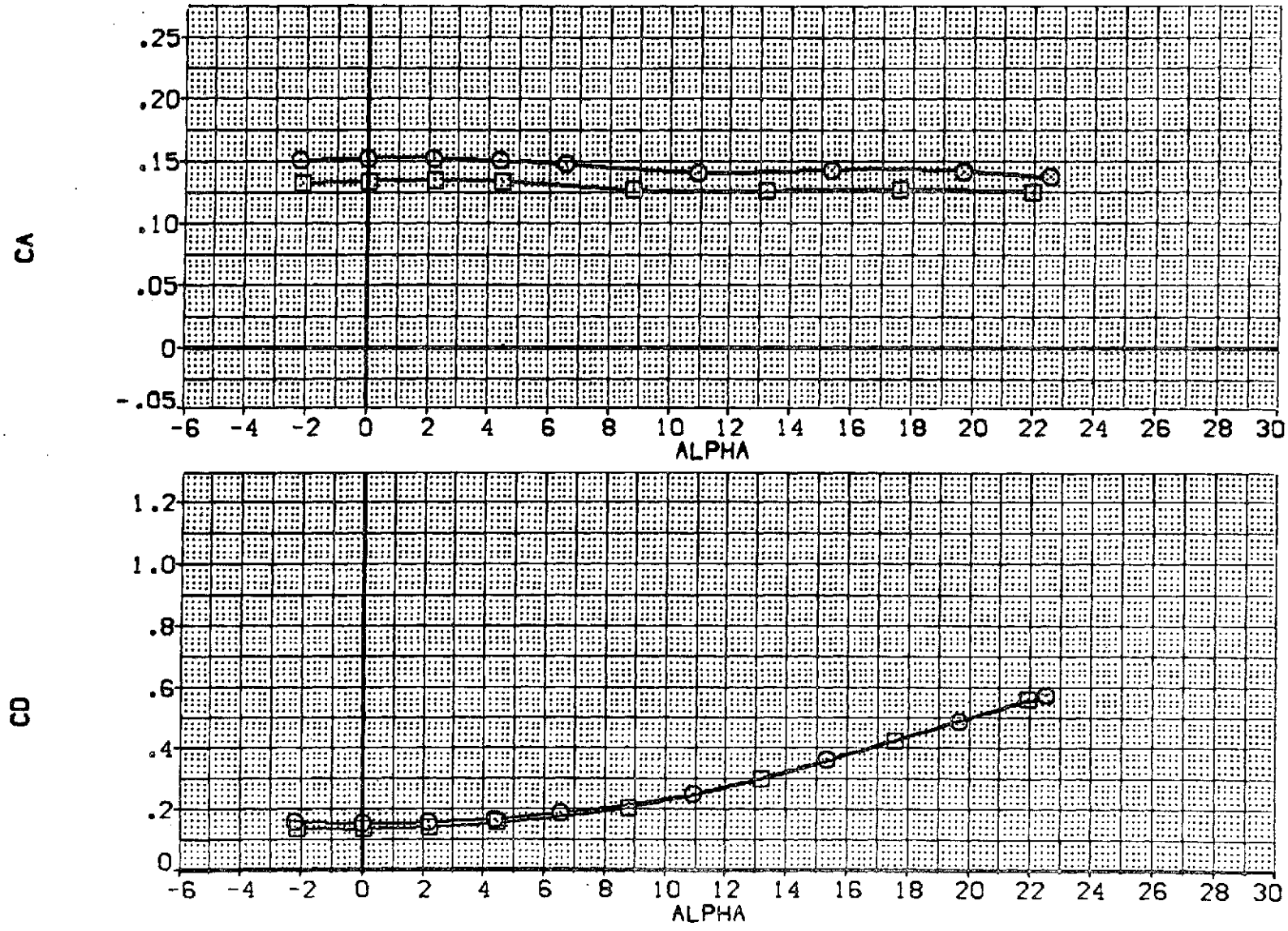


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (826C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

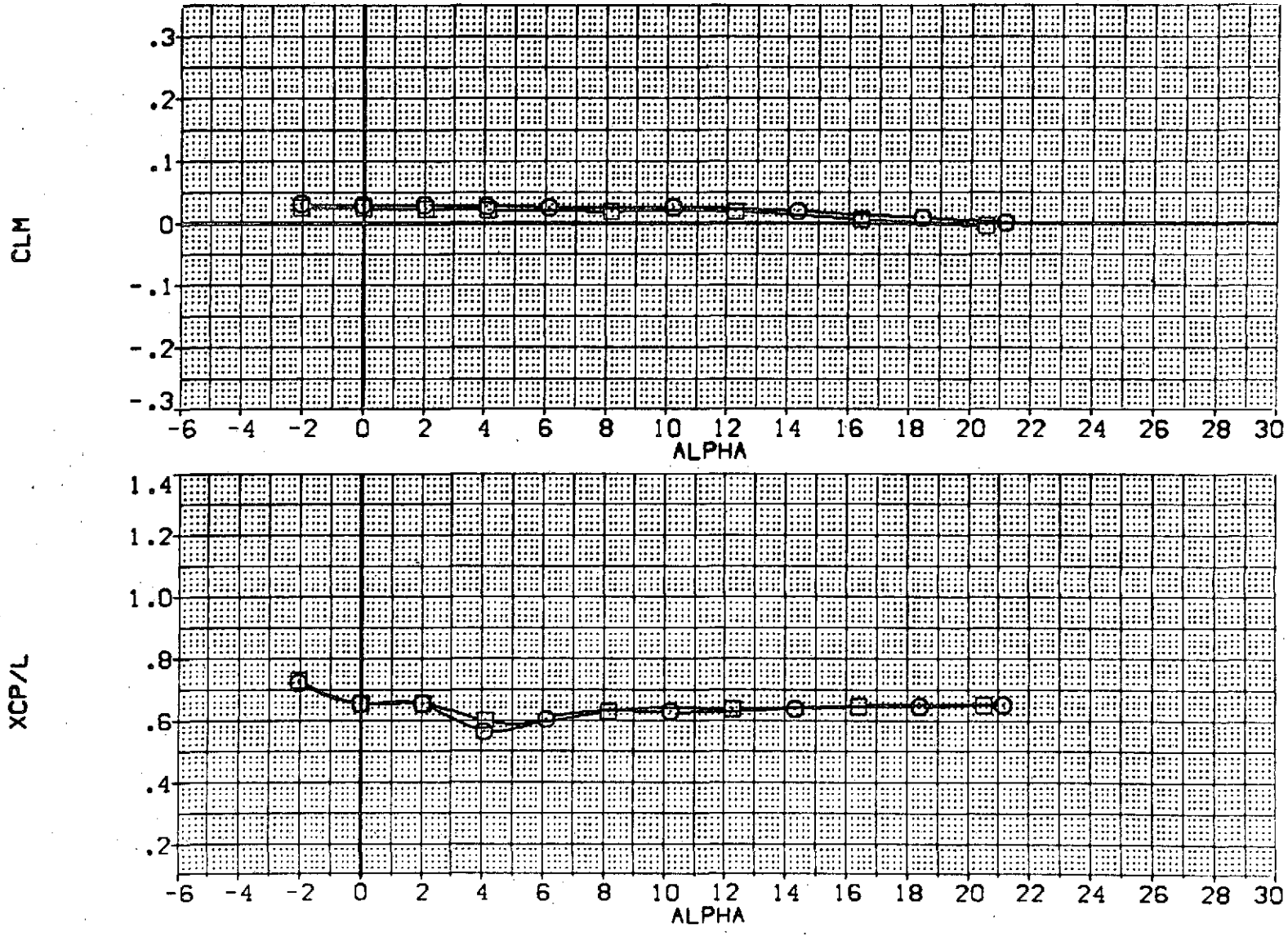


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)		LARC8-686(0A-116) (826C8F8M16N28)(W116E43)(VBR5)	.000	.000	.000	.000
(DHU002)		LARC8-686(0A-116) (826C8F8 N28)(W116E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

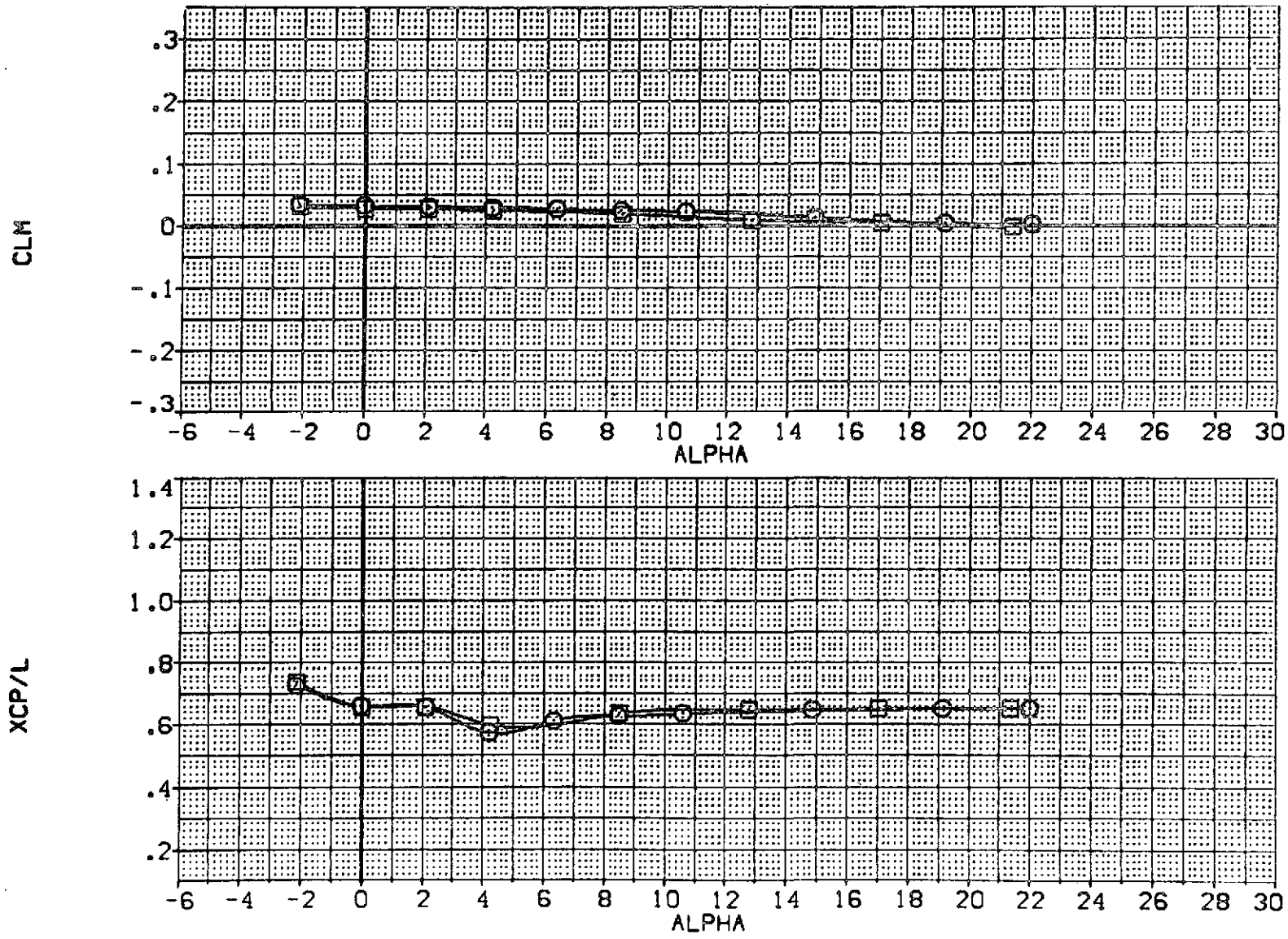


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (826C9F8M16N28)(V1)(6E43)(V8R5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (826C9F8 N28)(V1)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.9117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

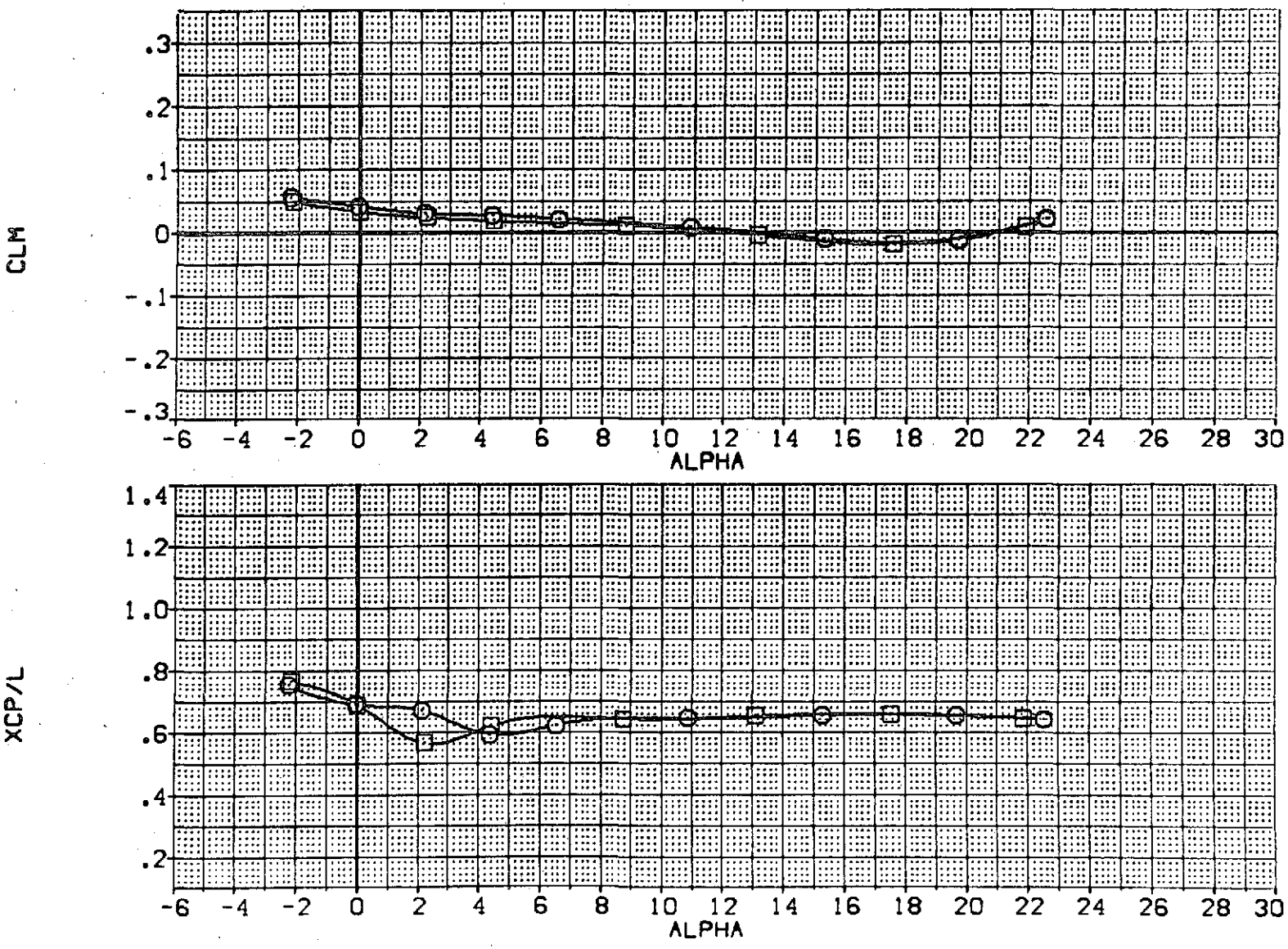


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (B26C9FBM16N20)(W116E43)(VBR5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (B26C9FB N20)(W116E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

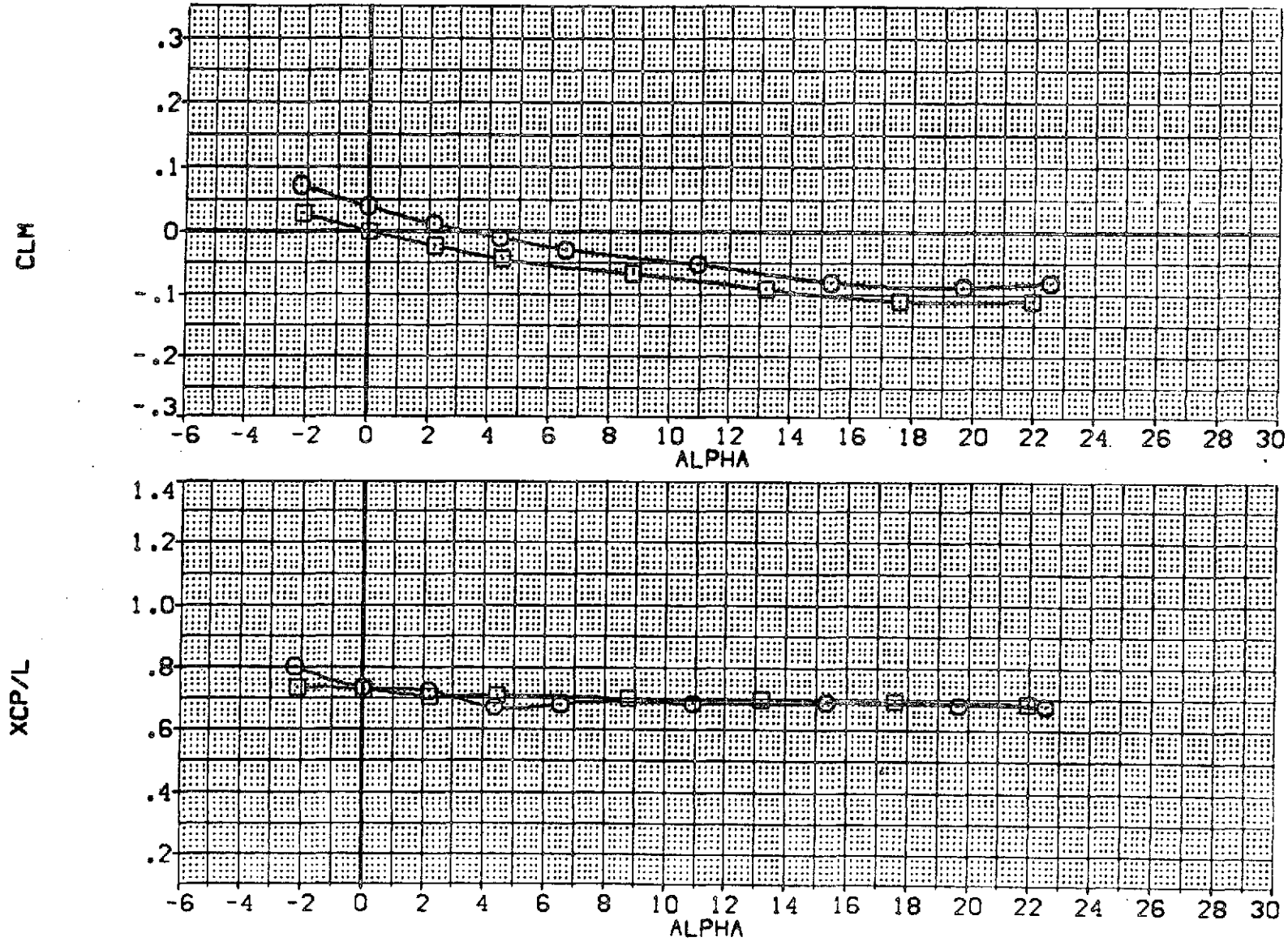


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (826C9F8M1SN28)(W)(6E43)(V8R5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (826C9F8 N28)(W)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

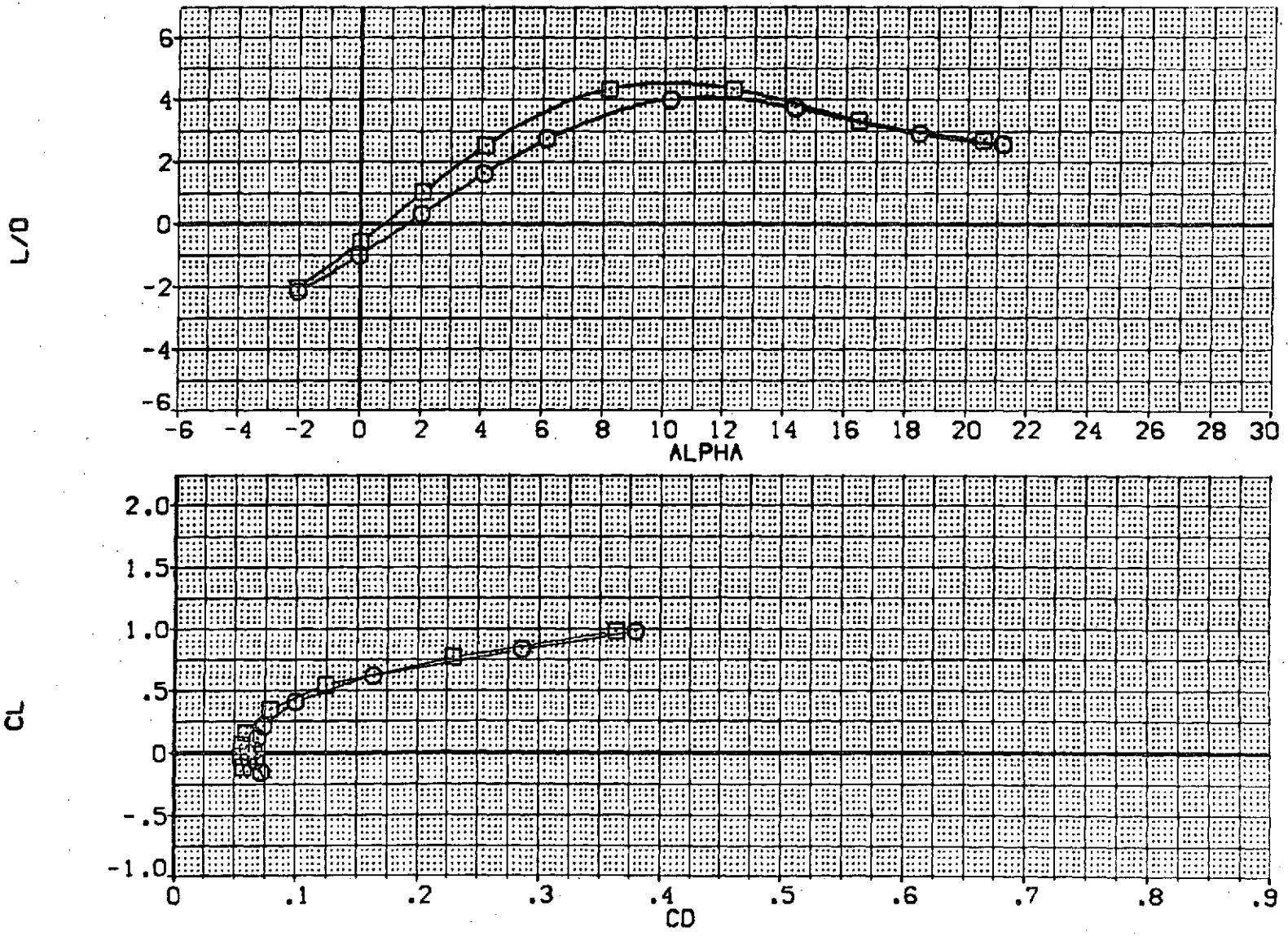


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)		LARC8-686(DA-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000
(DHU002)		LARC8-686(DA-116) (B26C9F8 N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



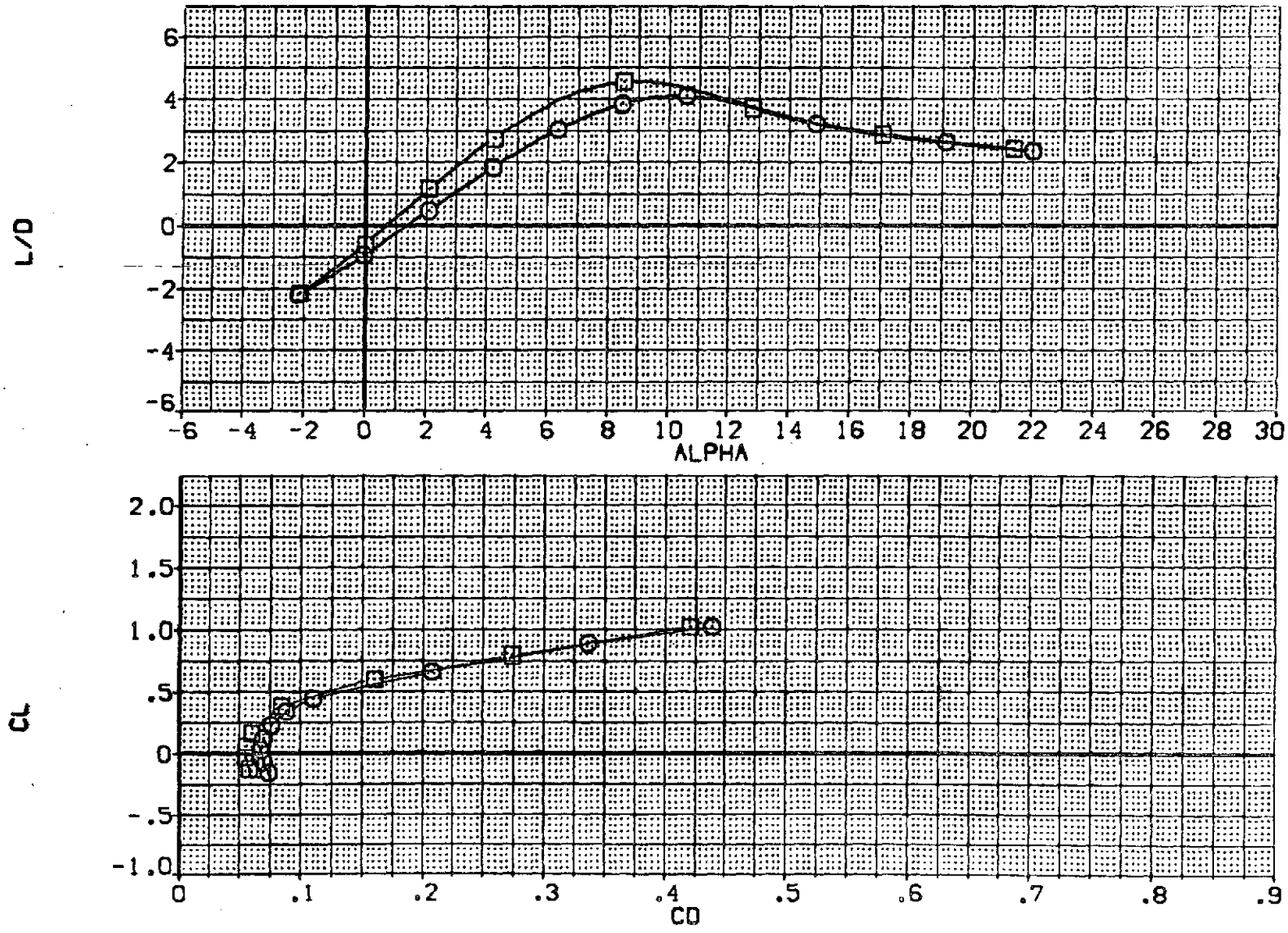
EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(OHU001) ○	LARC8-686(0A-116) (B26C9FBM(GN28)(V)(6E43)(V8R5)	.000	.000	.000	.000
(OHU002) □	LARC8-686(0A-116) (B26C9FB N28)(V)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



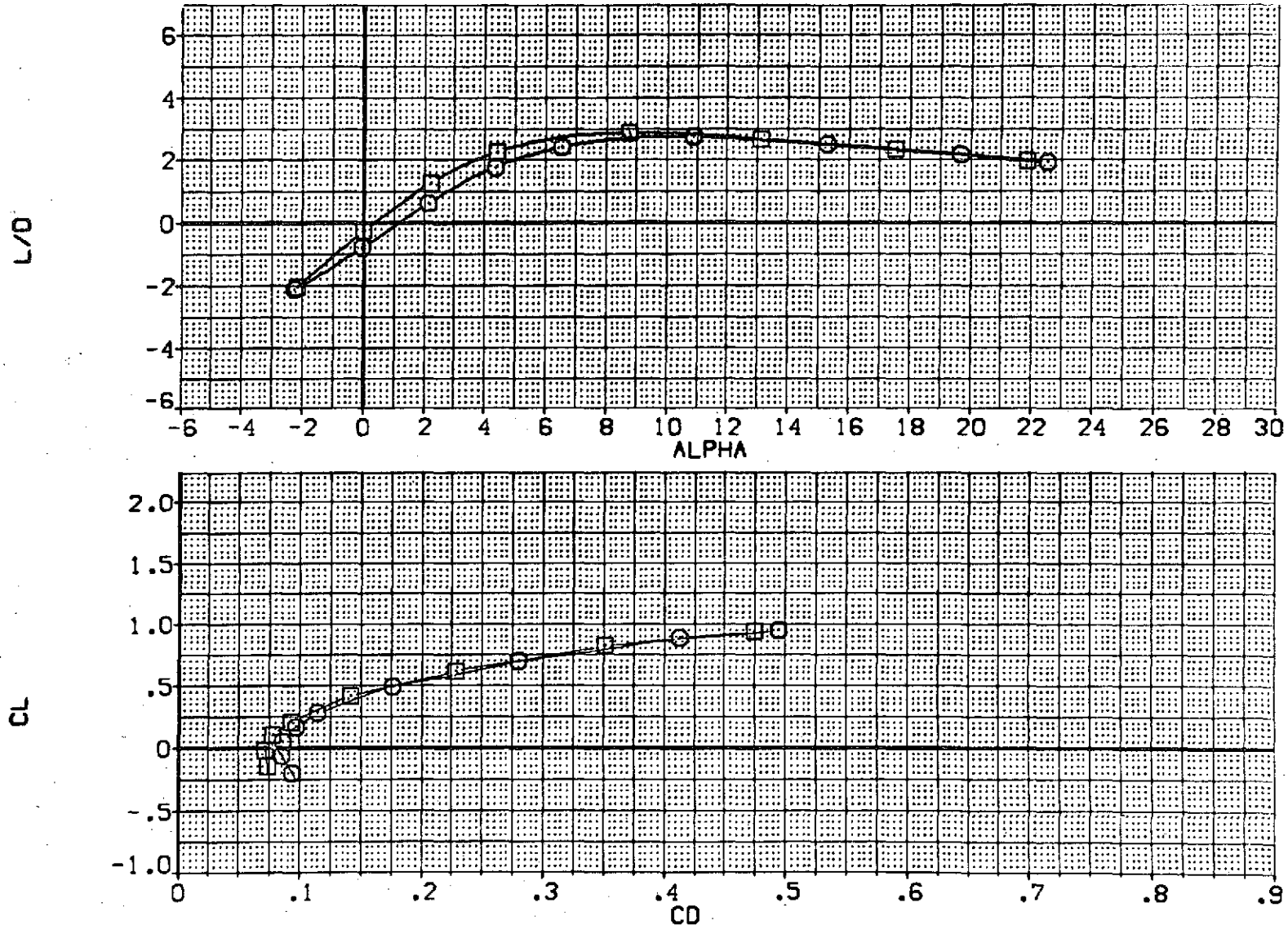
EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(B)MACH = .60

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	□	LARC8-686(0A-116) (826C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

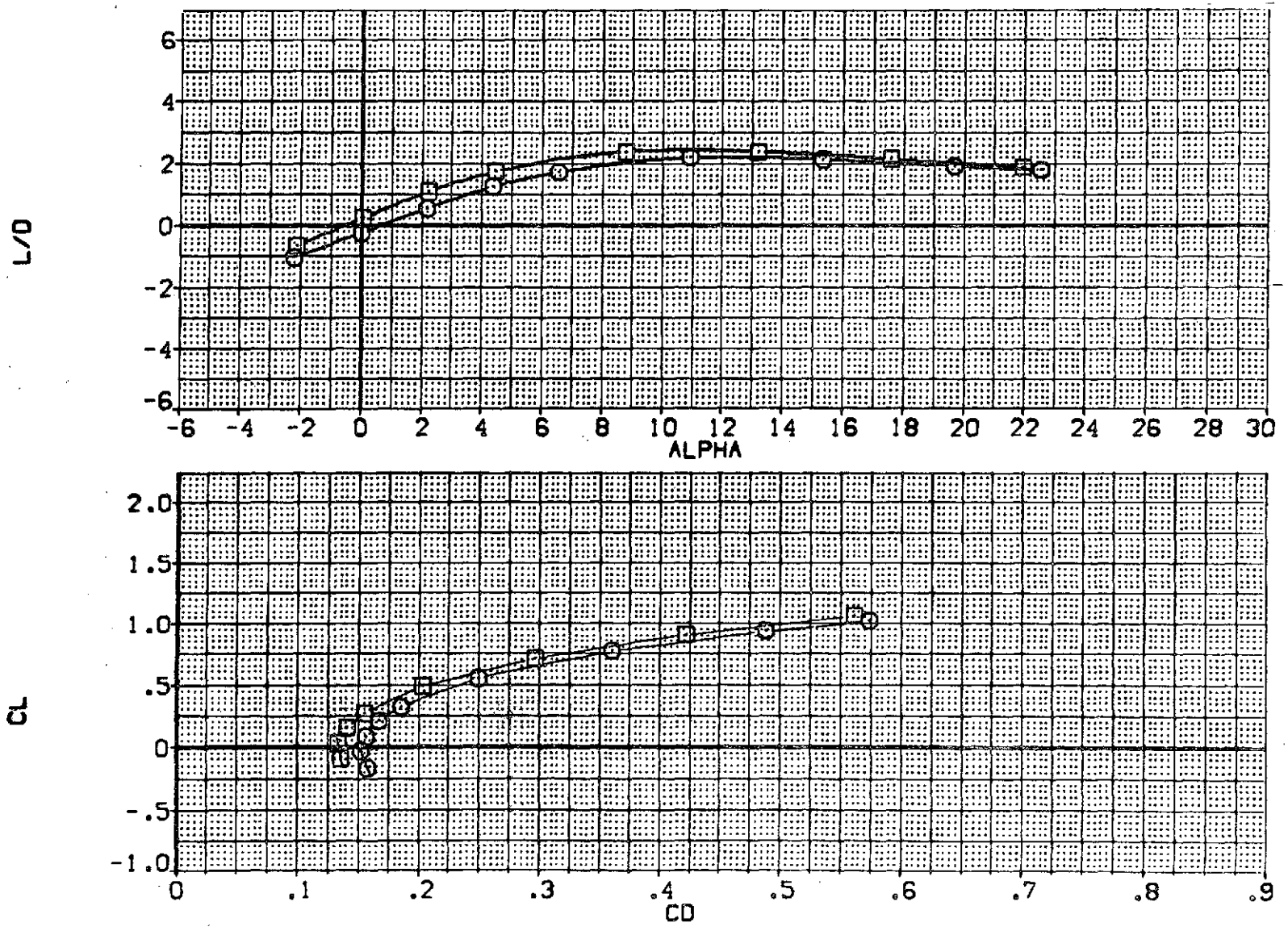


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(DHU001)	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000
(DHU002)	LARC8-686(0A-116) (B26C9F8 N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

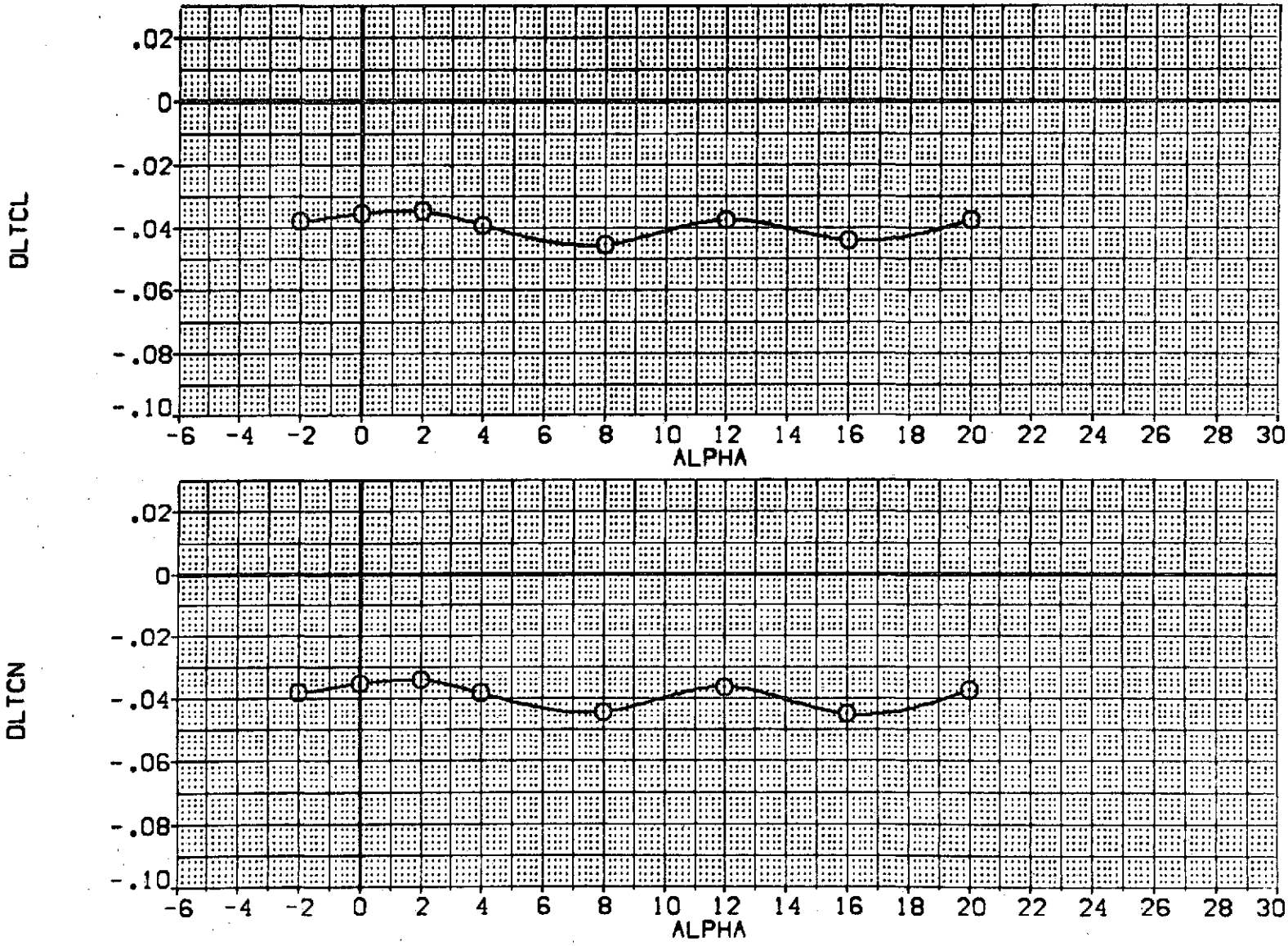


EFFECT OF OMS PODS ON LONGITUDINAL CHARACTERISTICS

(D)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (826C9F8M16N2B)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

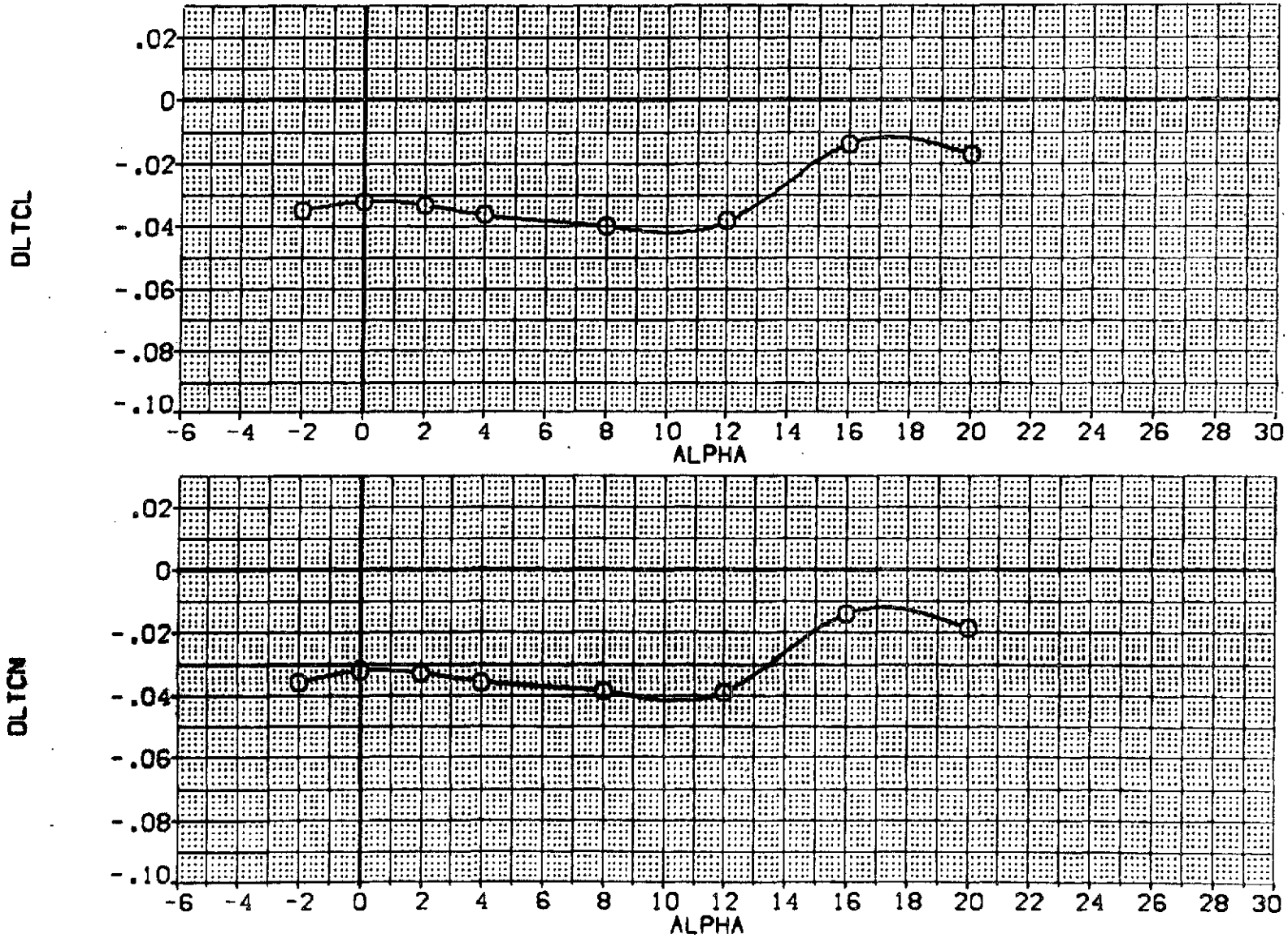


INCREMENTAL EFFECTS DUE TO OMS PODS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M1GN28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

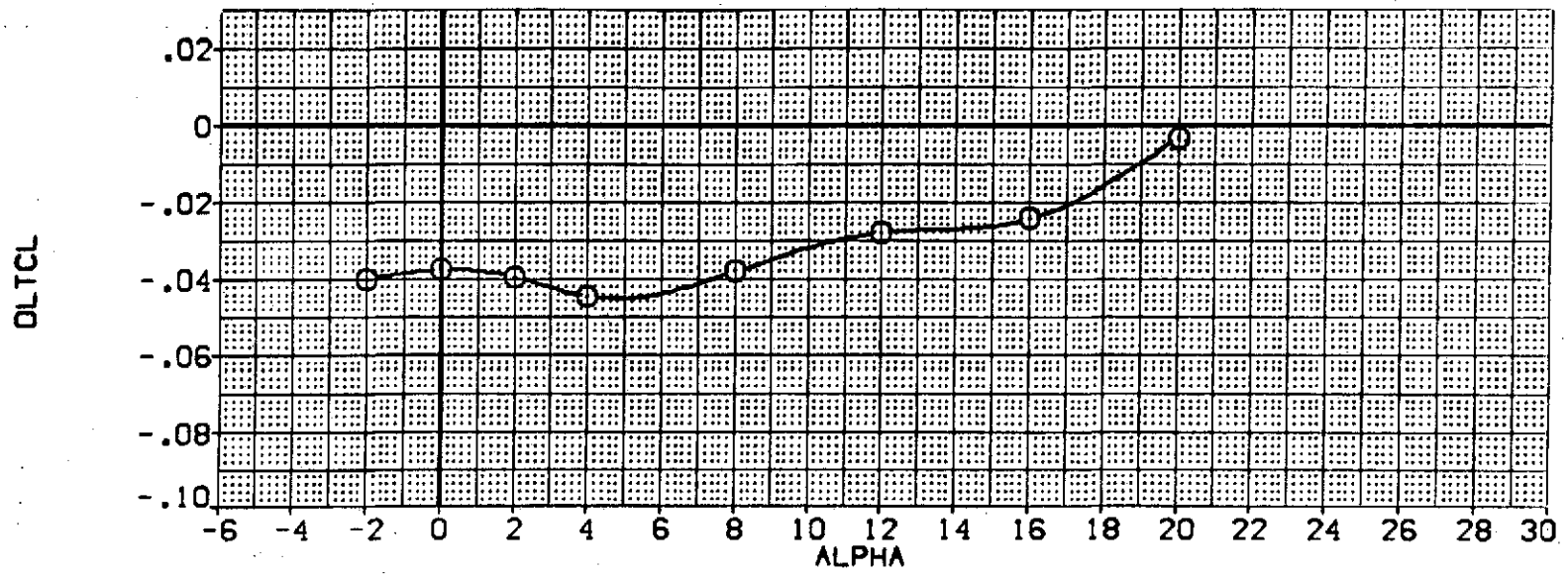


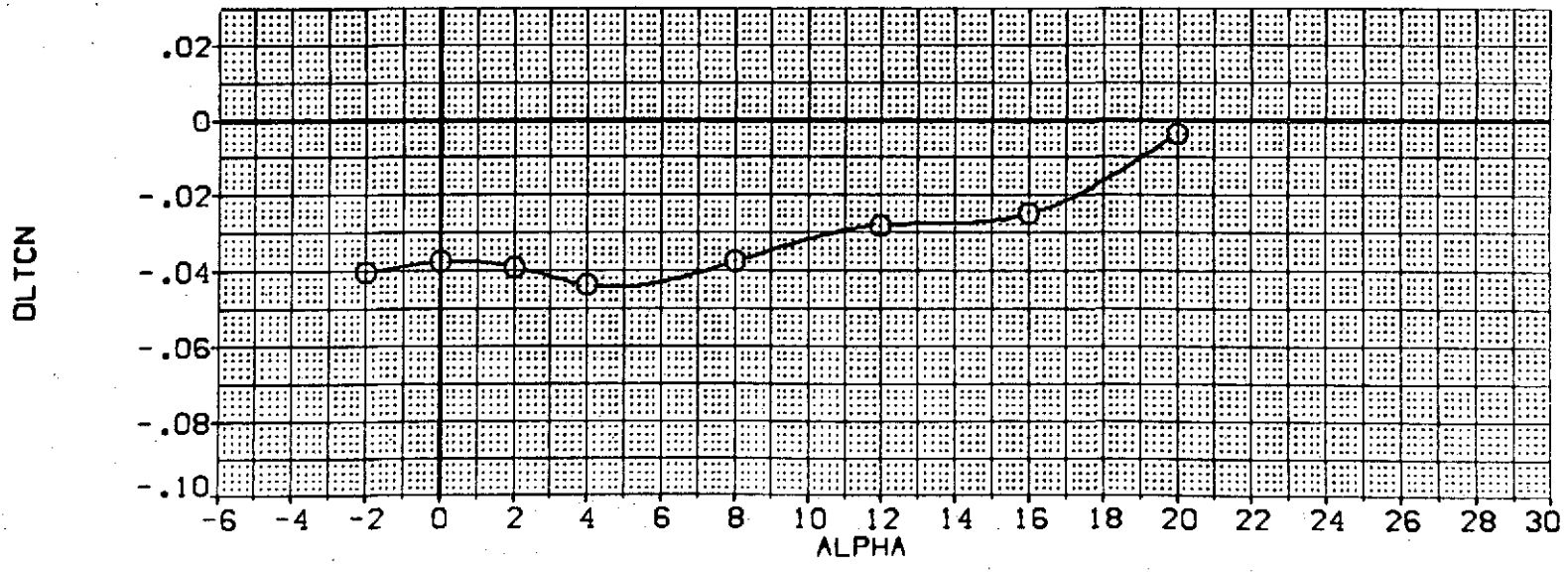
INCREMENTAL EFFECTS DUE TO OMS PODS

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-68S(0A-116) (B26C9FBMIGN28)(V11GE43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



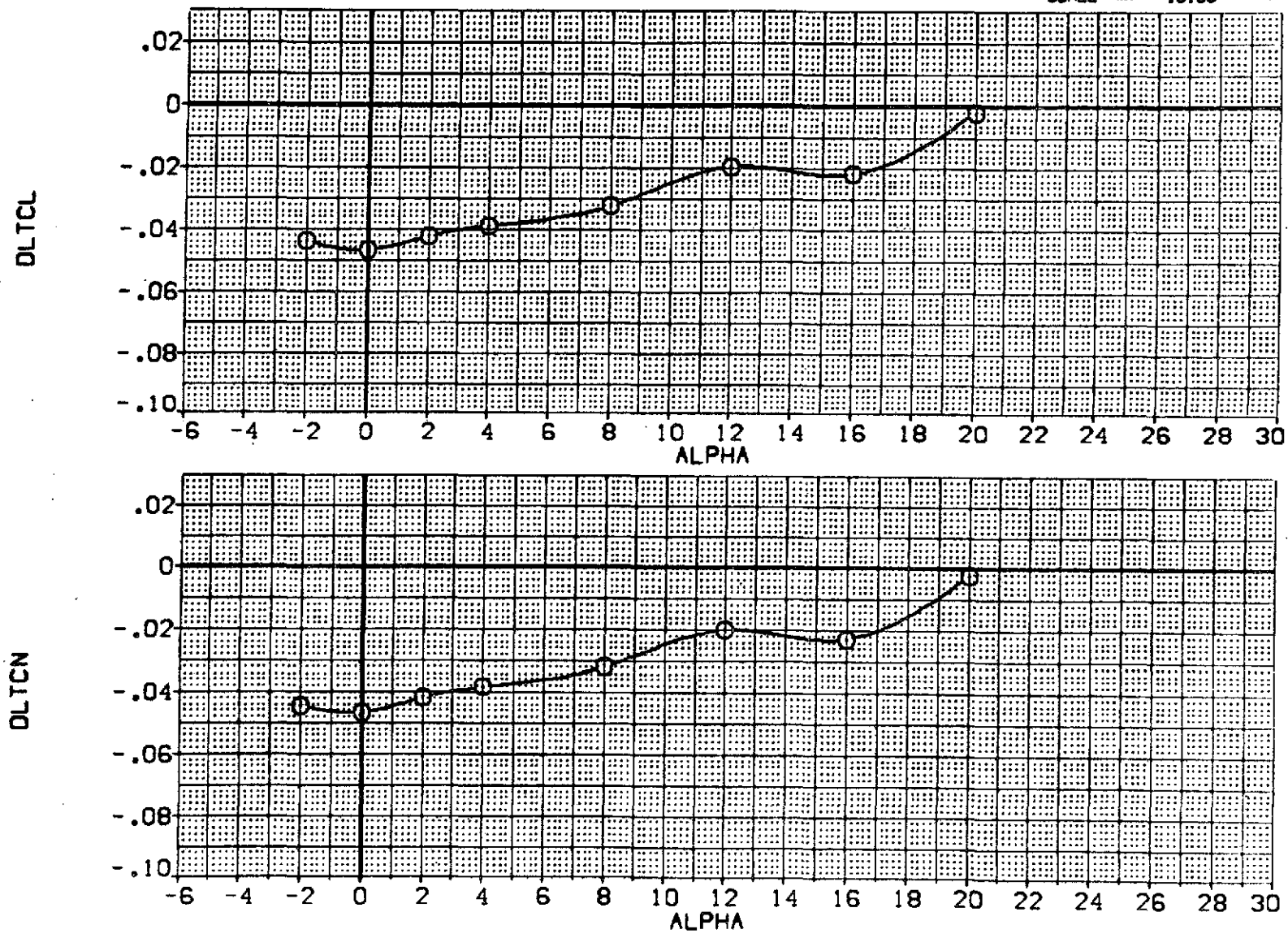


INCREMENTAL EFFECTS DUE TO OMS PODS

(C)MACH = .80

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V11GE43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

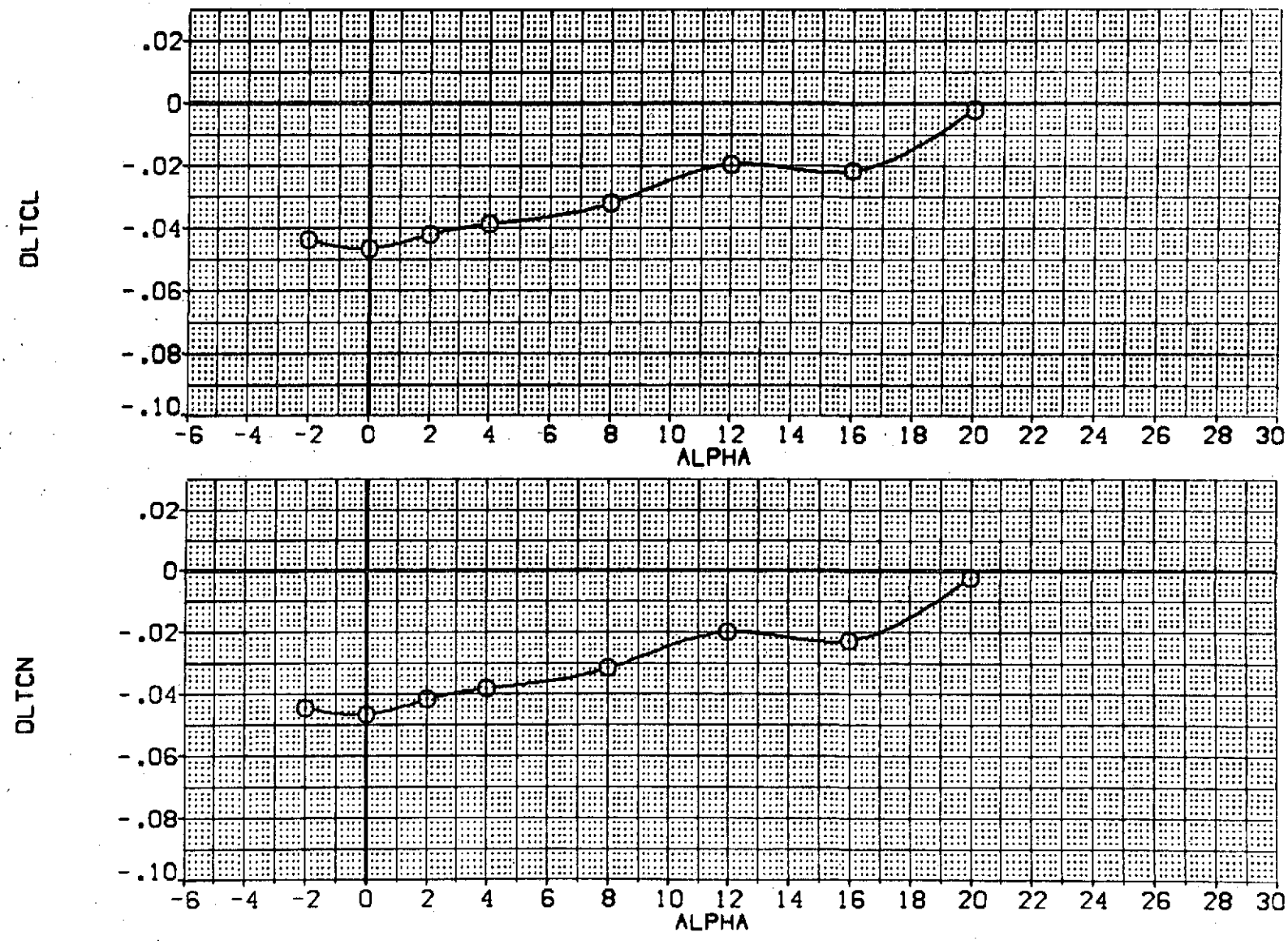


INCREMENTAL EFFECTS DUE TO OMS PODS

(D)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002)	○	LARC8-686(0A-116) (B26C9FBM16N28)(V)16E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

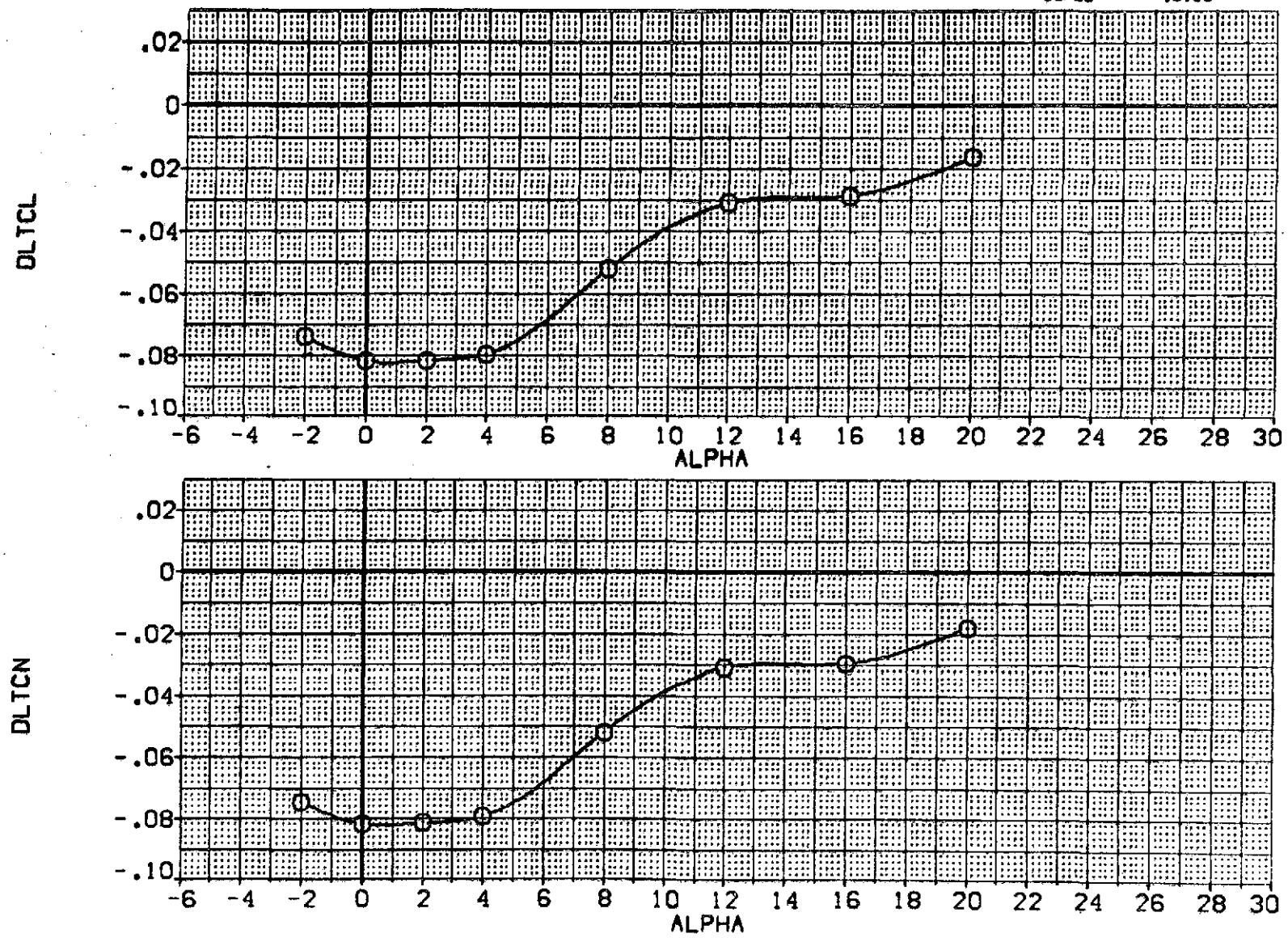


INCREMENTAL EFFECTS DUE TO OMS PODS

(E)MACH = .92

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(DA-116) (B26C9F8M18N28)(V11BE43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

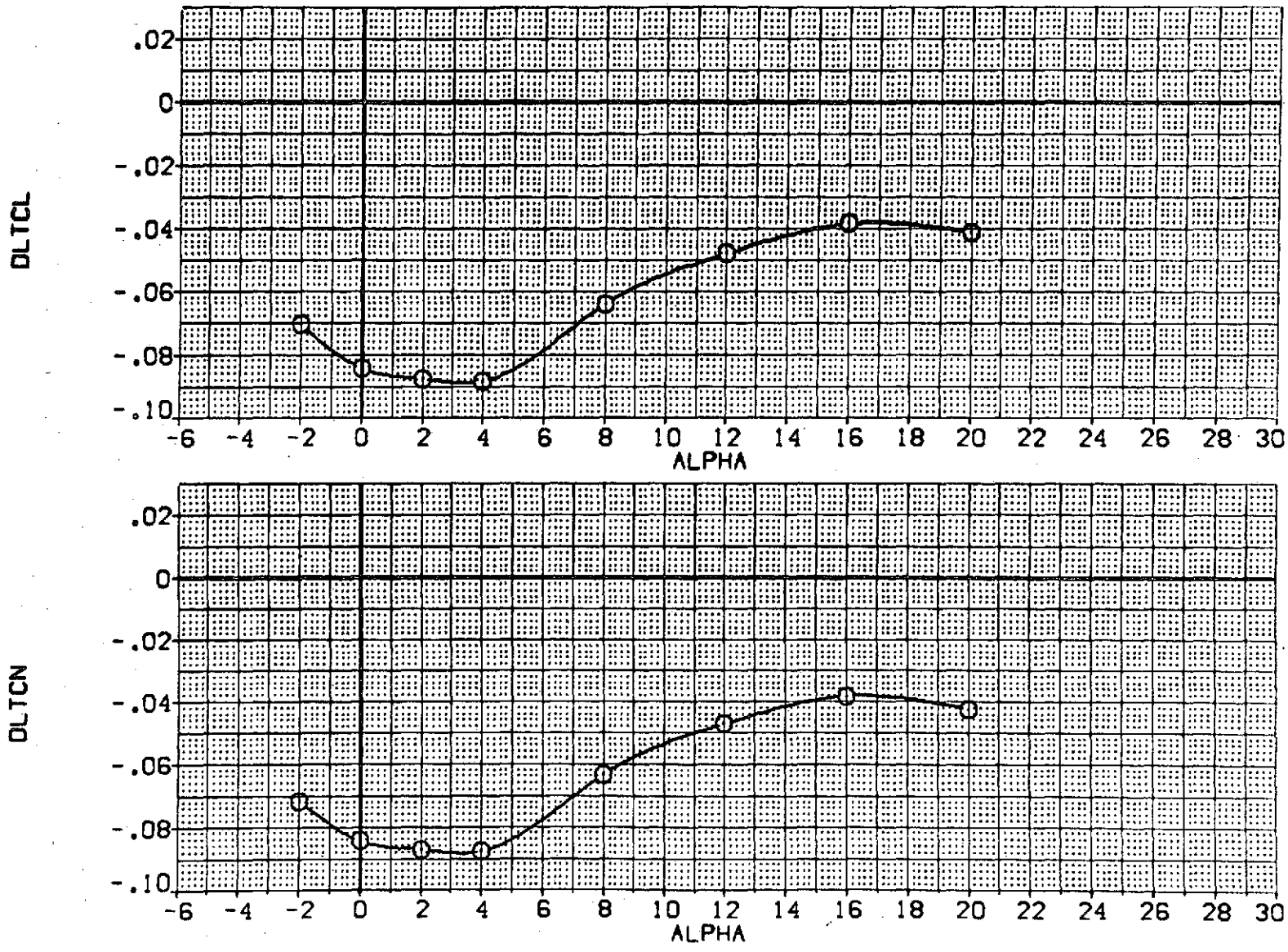


INCREMENTAL EFFECTS DUE TO OMS PODS

(F)MACH = .95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-696(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

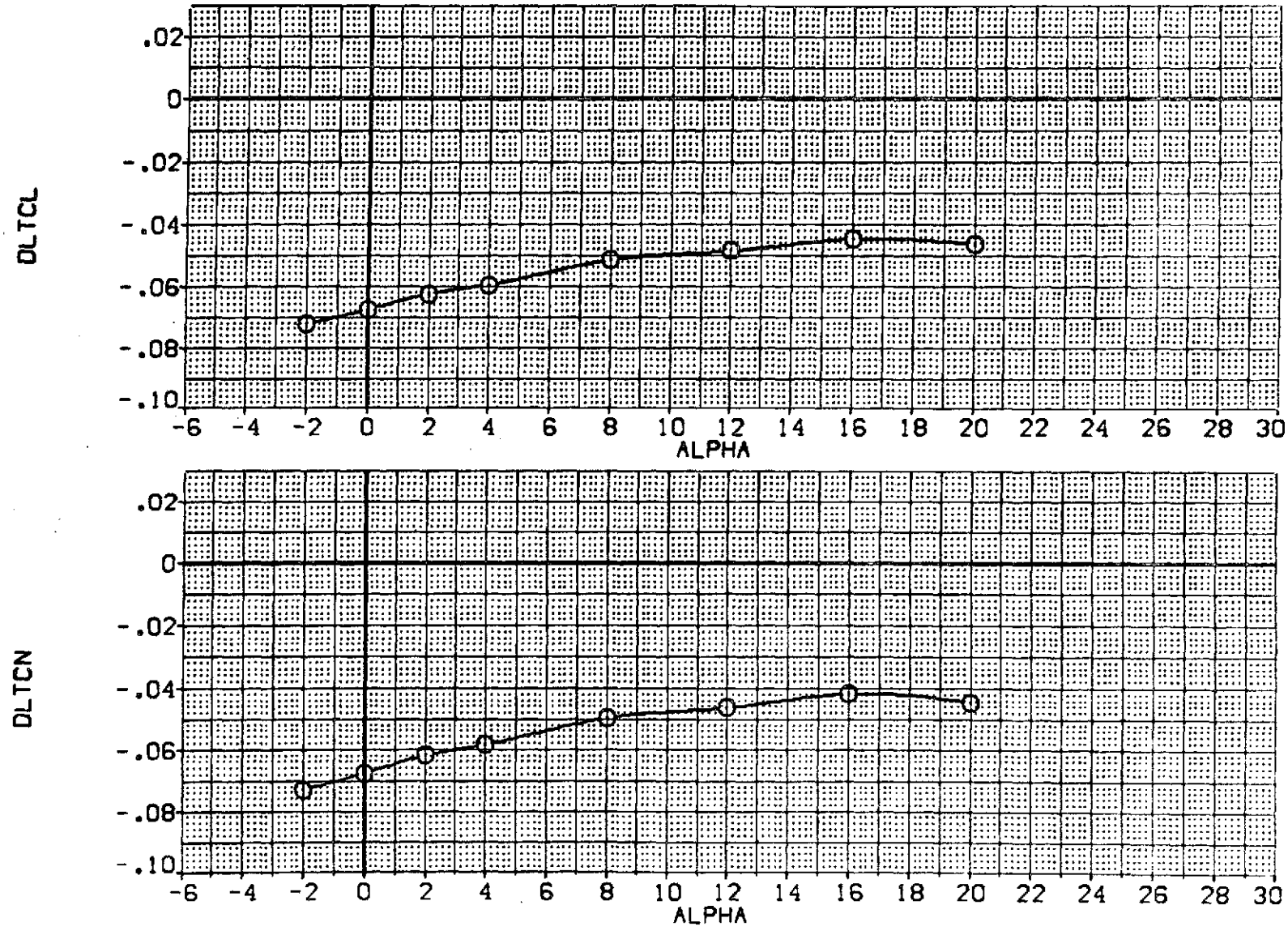


INCREMENTAL EFFECTS DUE TO OMS PODS

(G)MACH = .98

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F0M16N20)(V11SE43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

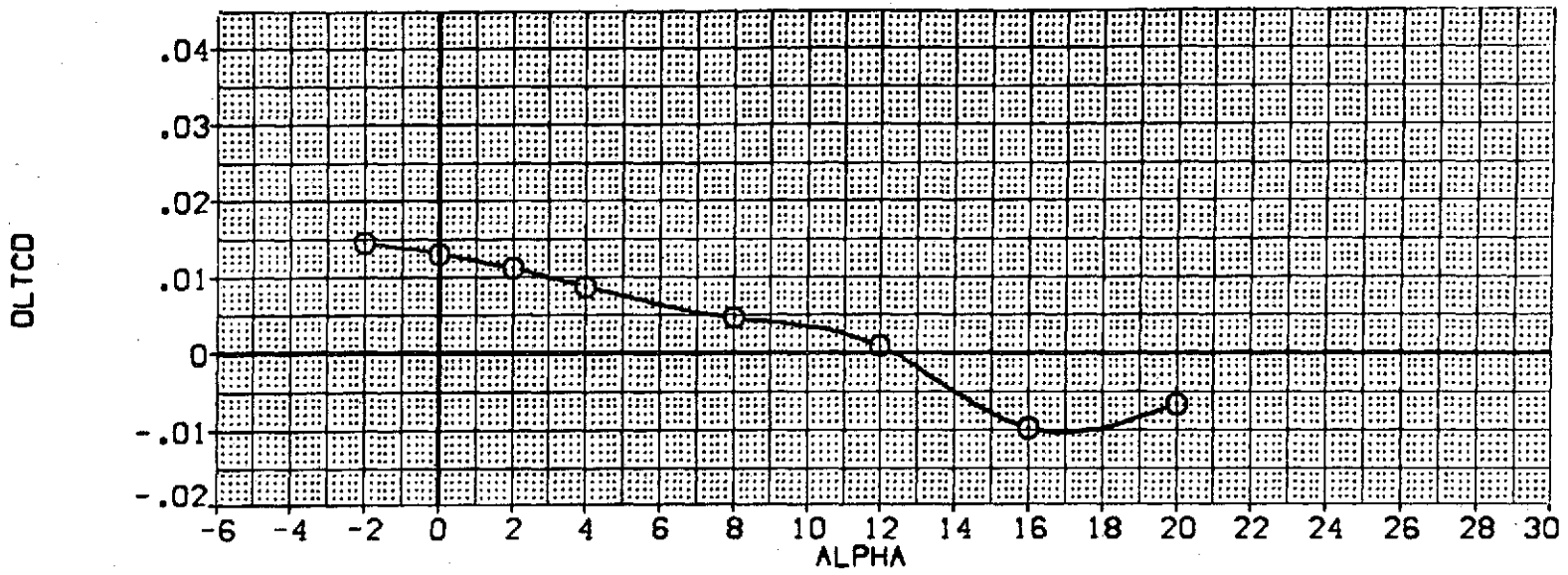


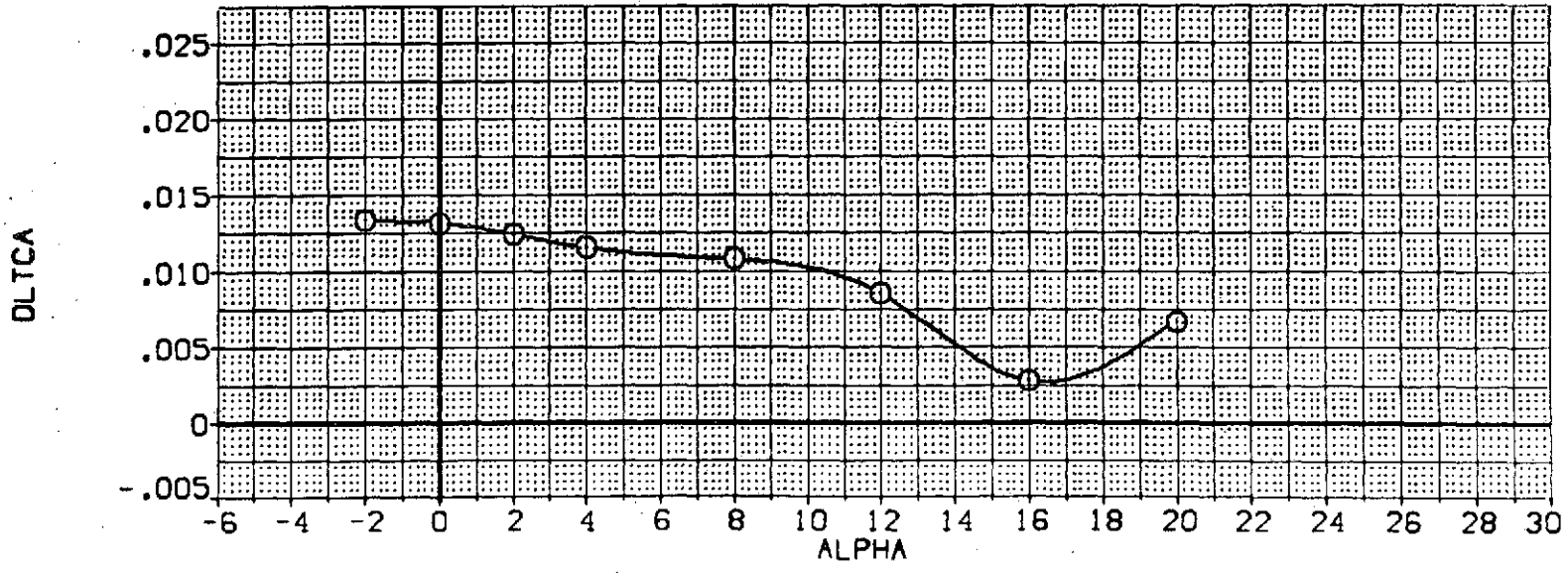
INCREMENTAL EFFECTS DUE TO OMS PODS

(H)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (826C9F8M16N20)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



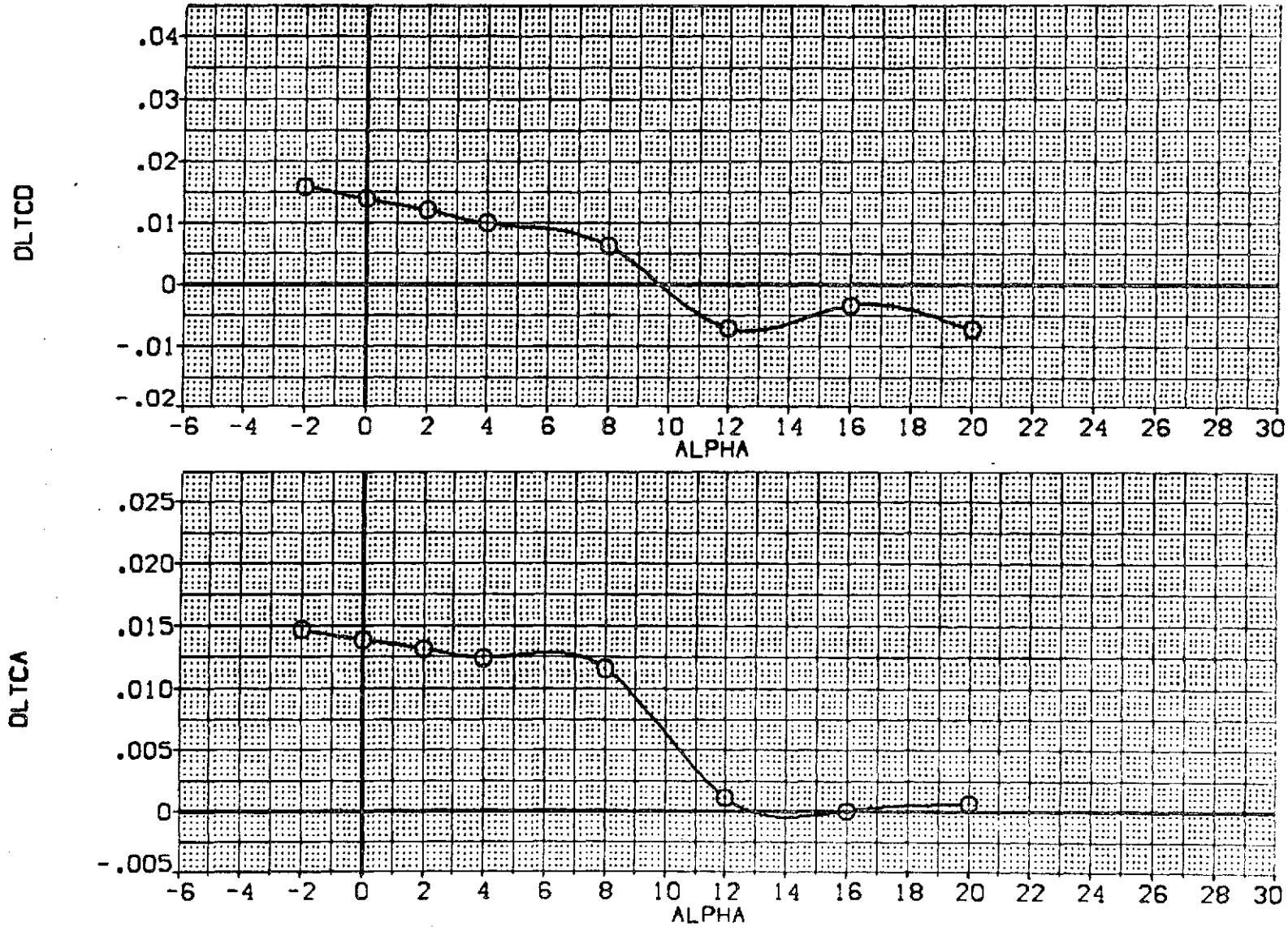


INCREMENTAL EFFECTS DUE TO OMS PODS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	

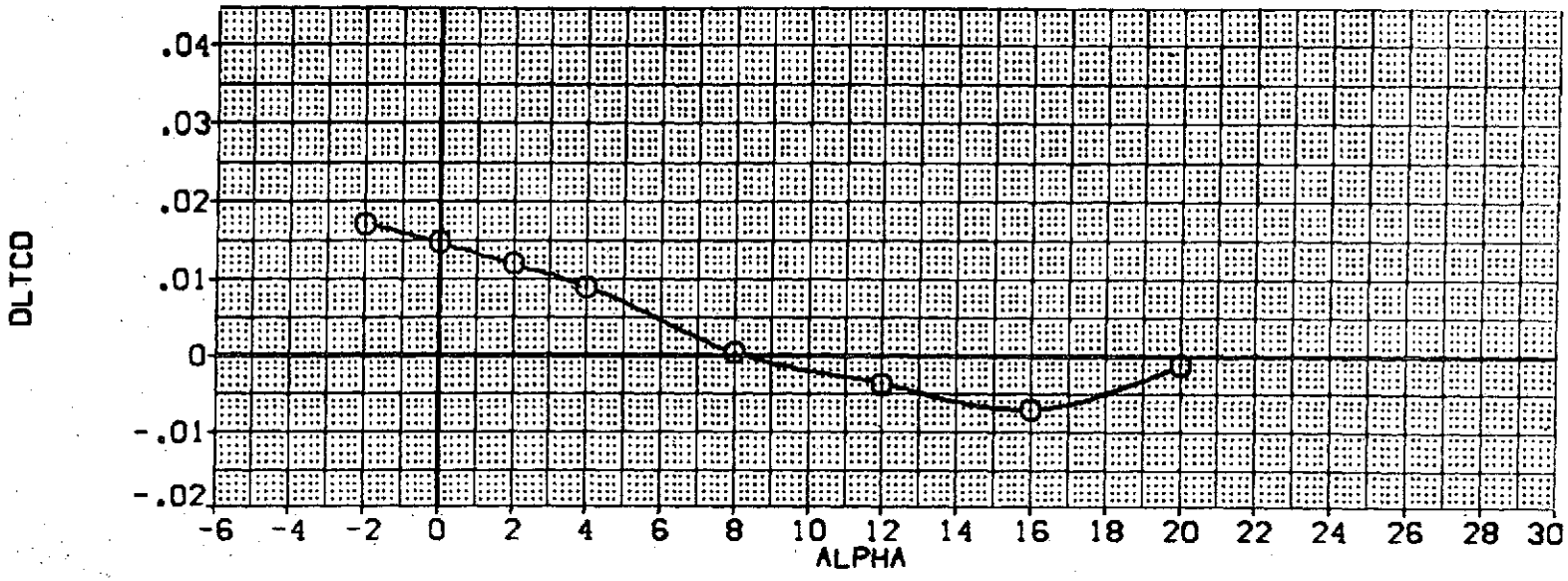


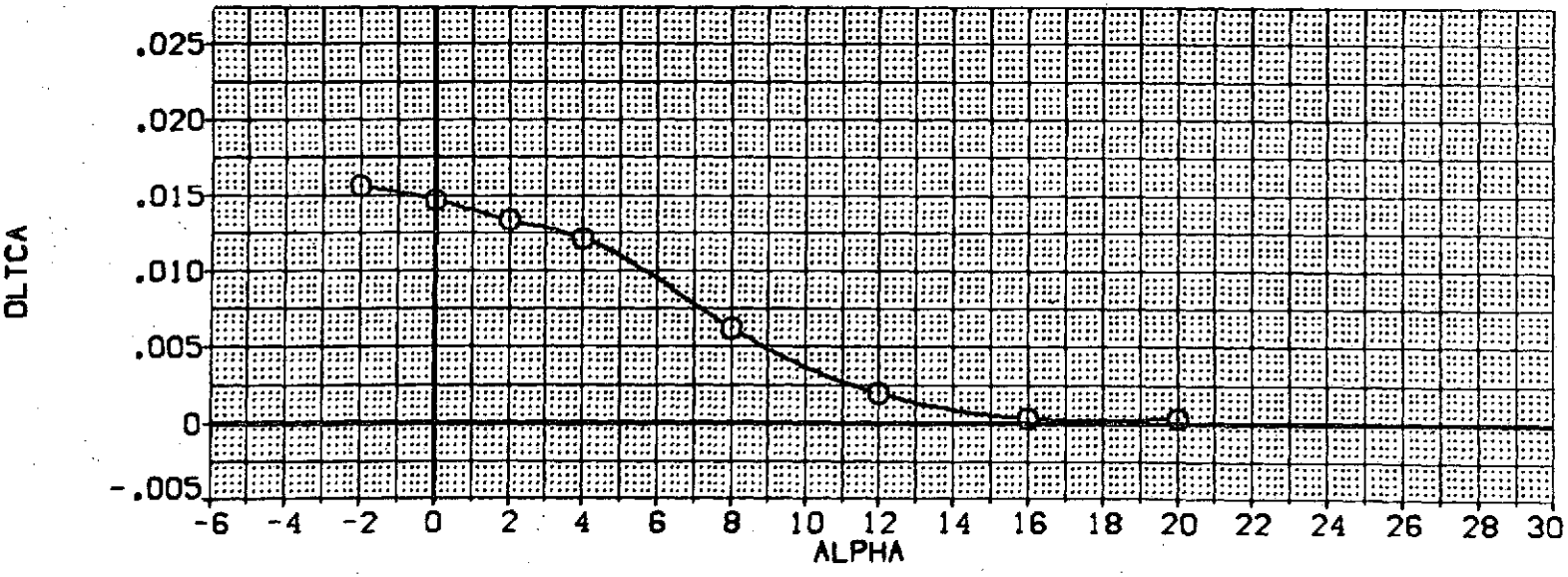
INCREMENTAL EFFECTS DUE TO OMS PODS

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARCB-686(0A-116) (B26C9FBM16N20)(V116E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.8800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



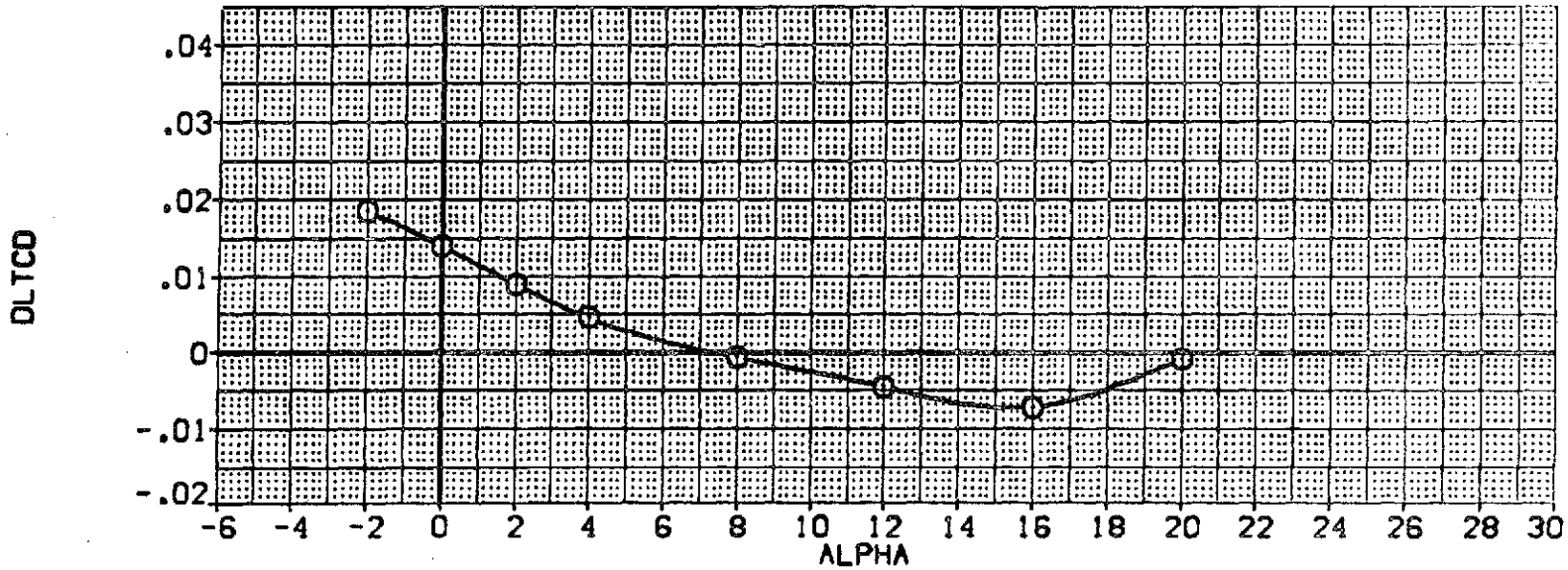


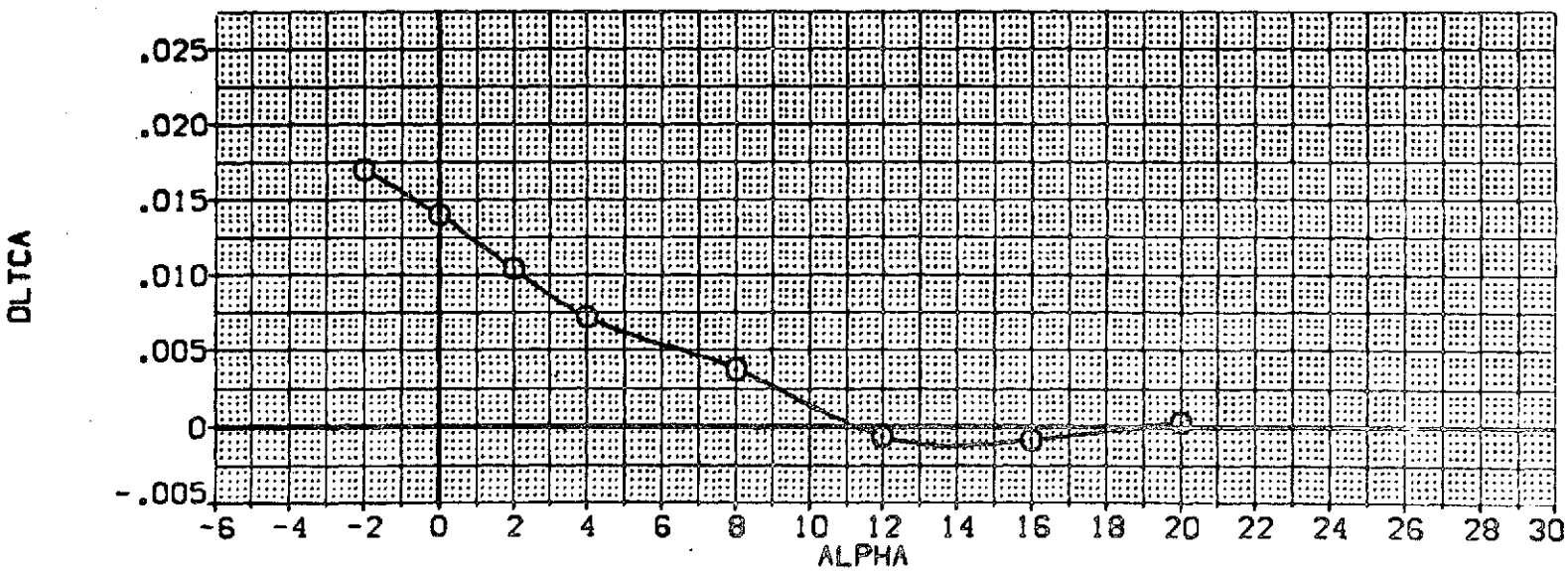
INCREMENTAL EFFECTS DUE TO OMS PODS

(C)MACH = .80

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0
(EHU002) ○	LARC9-686(0A-116) (826C9F8M1BN20)(V)16E43)(V0R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



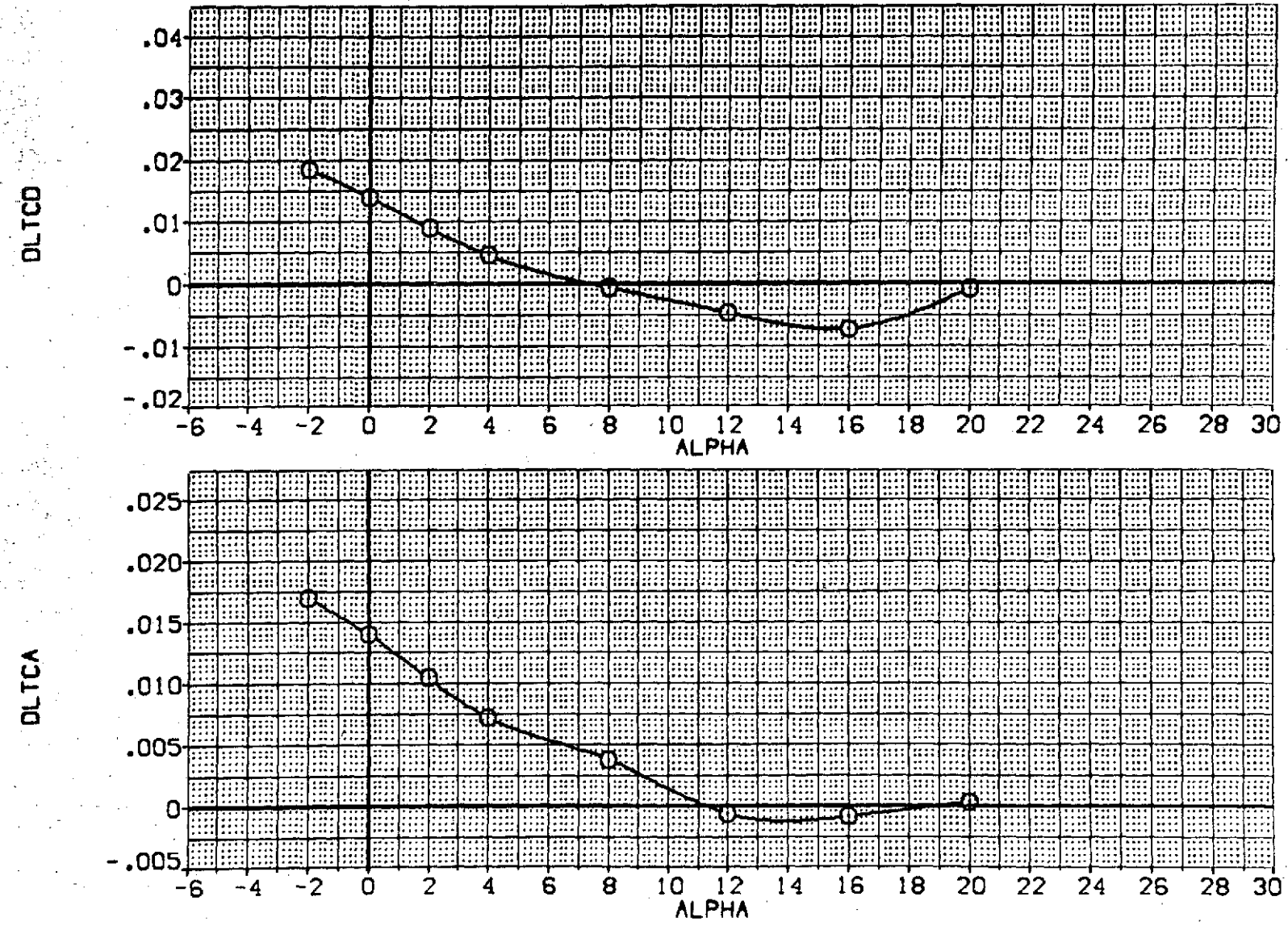


INCREMENTAL EFFECTS DUE TO OMS PODS

(D)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9FBM1GN28)(W116E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

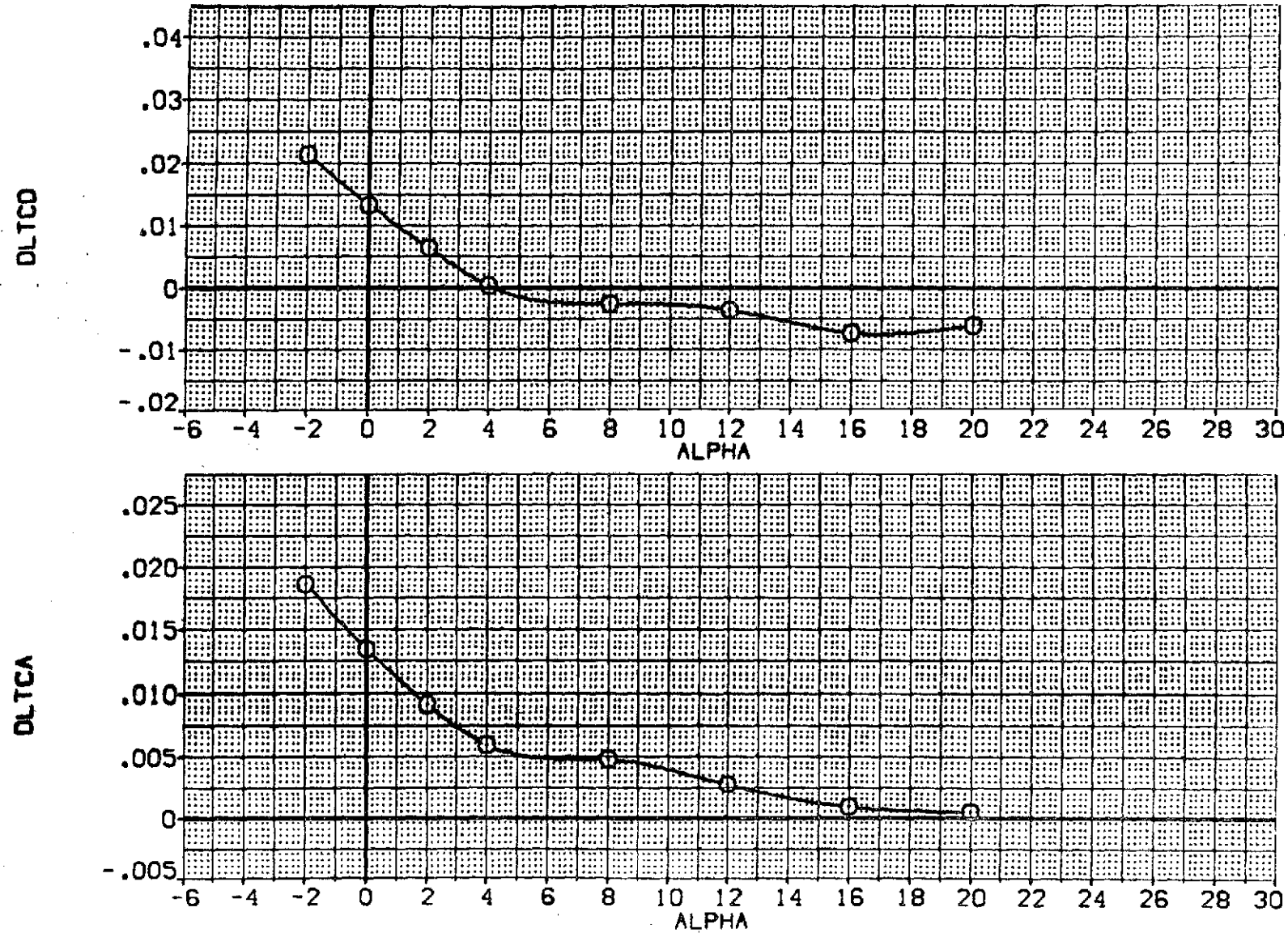


INCREMENTAL EFFECTS DUE TO OMS PODS

(E)MACH = .92

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHL002) ○	LARC8-686(DA-116) (826C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

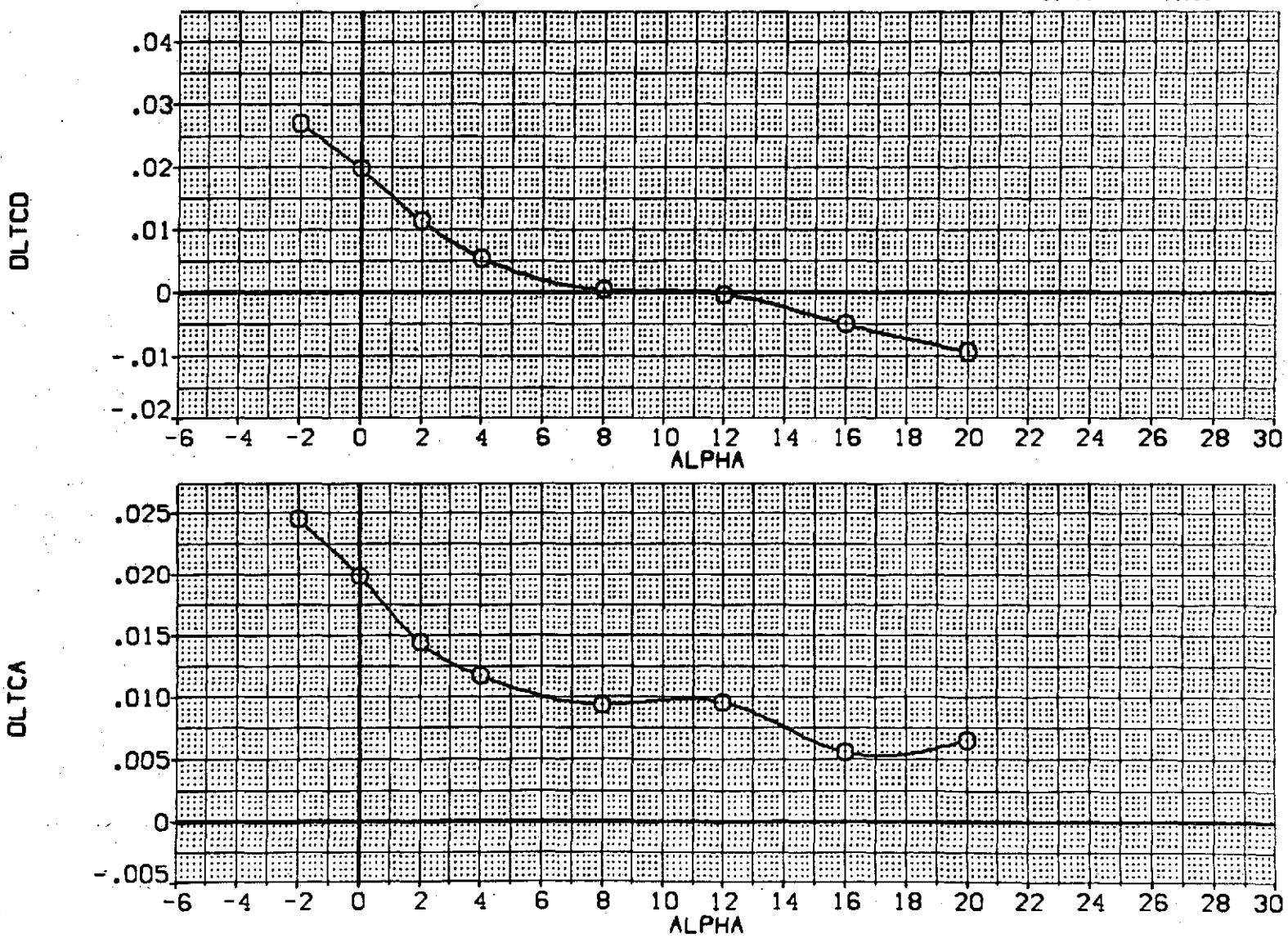


INCREMENTAL EFFECTS DUE TO OMS PODS

(F)MACH = .95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (826CSF8M16N28)(V)16E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

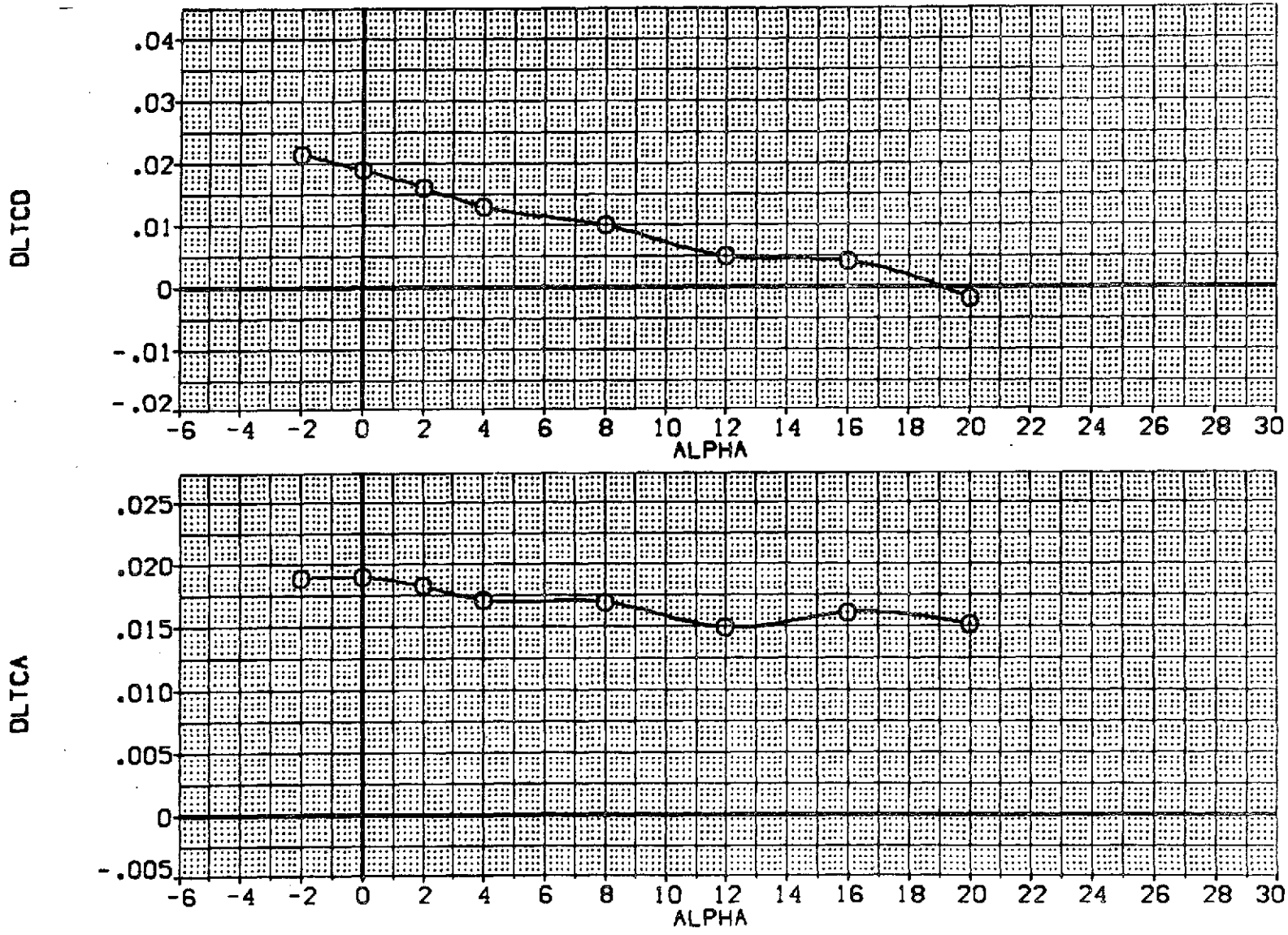


INCREMENTAL EFFECTS DUE TO OMS PODS

(G)MACH = .98

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) O	LARC8-686(0A-116) (826C9F8M1BN28)(V)(8E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

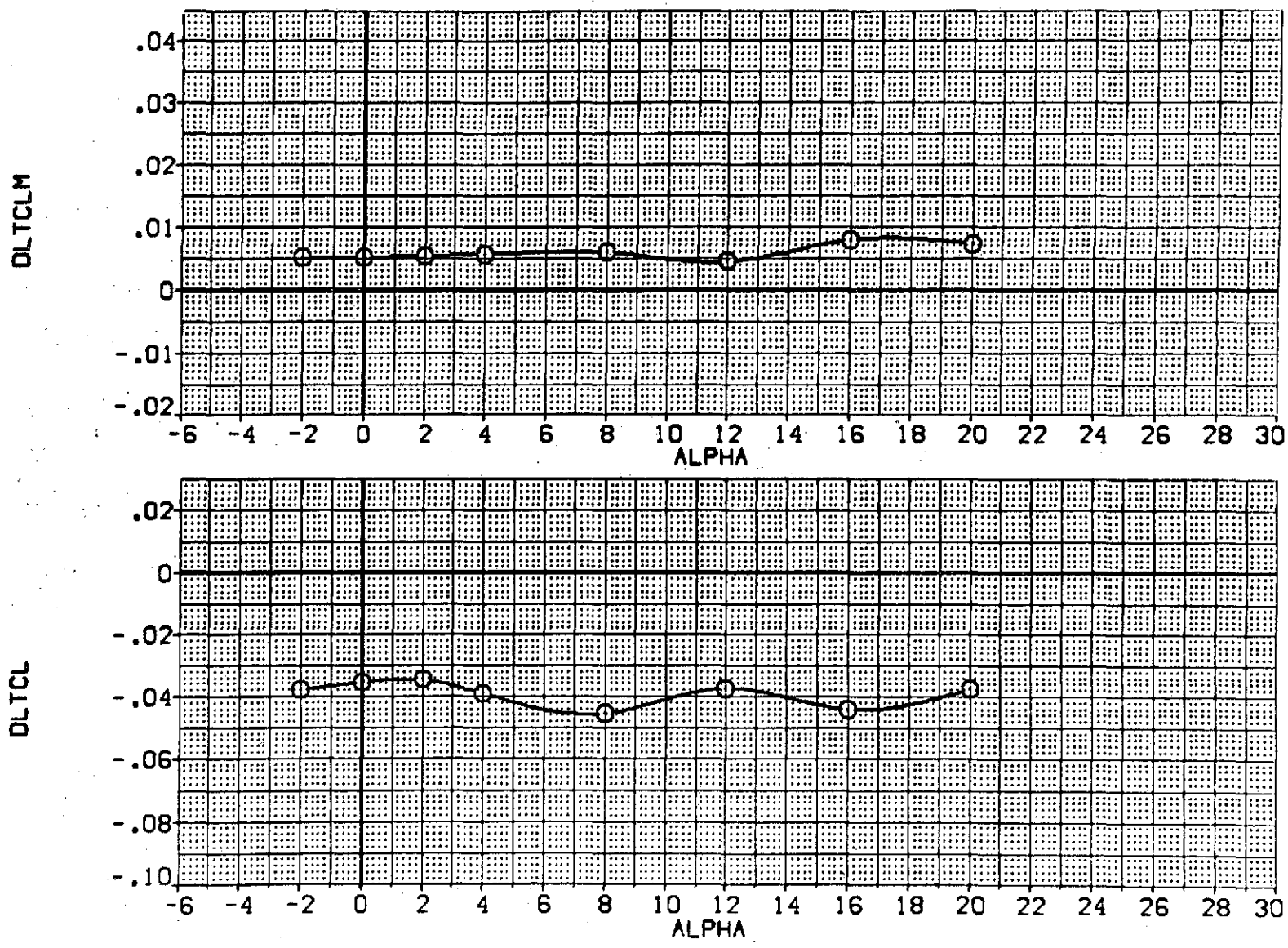


INCREMENTAL EFFECTS DUE TO OMS PODS

(H)MACH = 1.20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M)BN28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

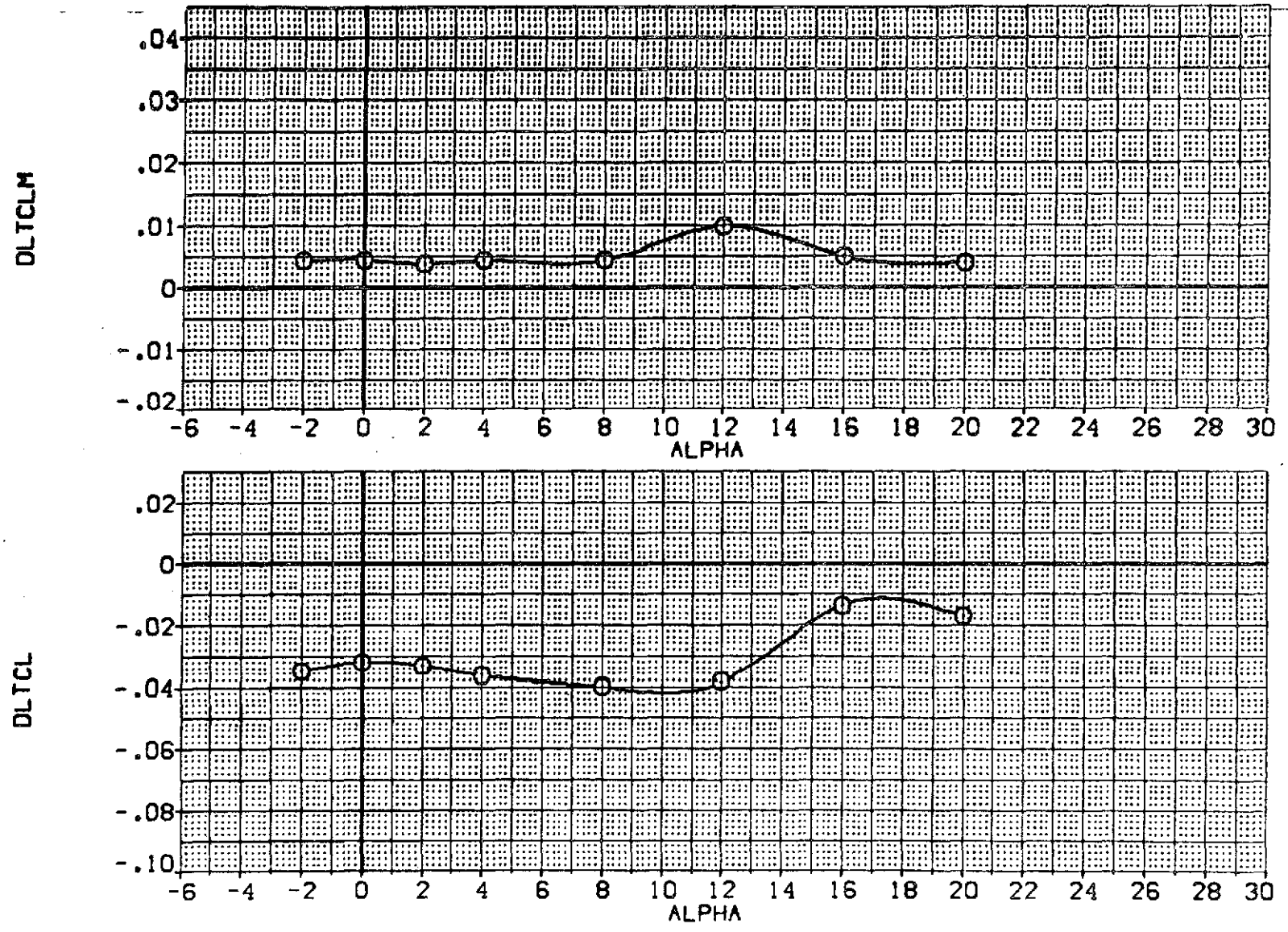


INCREMENTAL EFFECTS DUE TO OMS PODS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

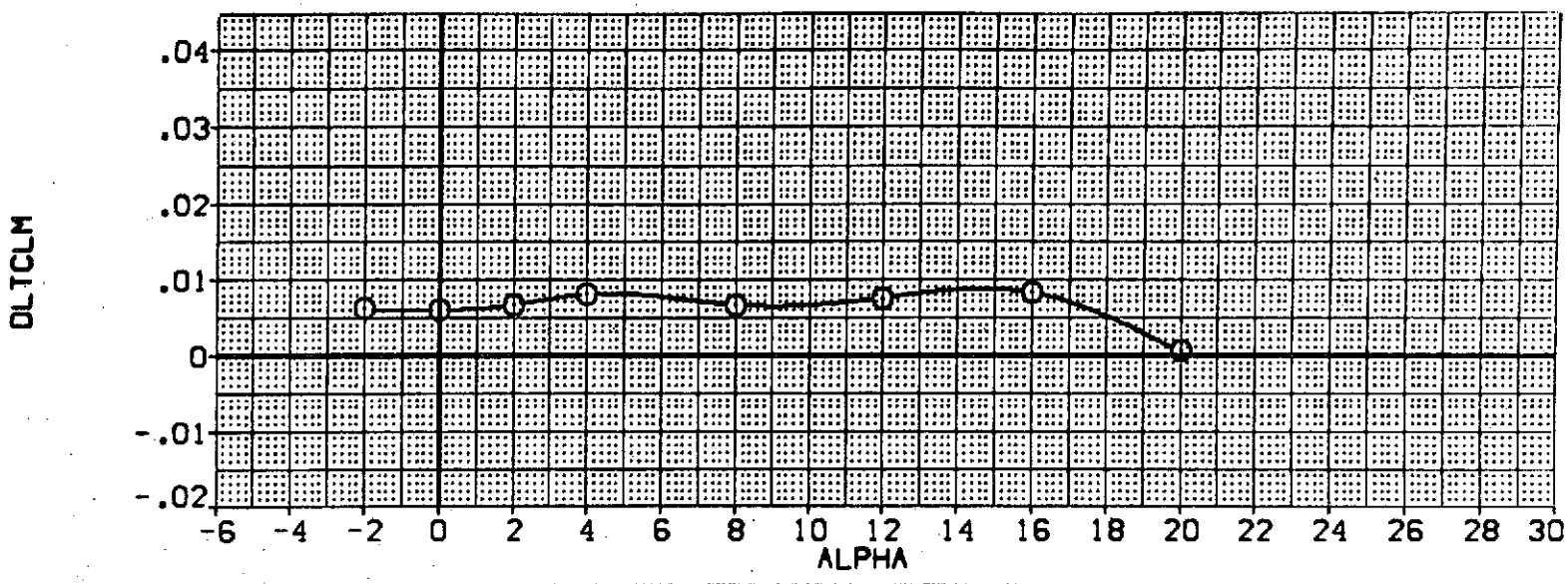


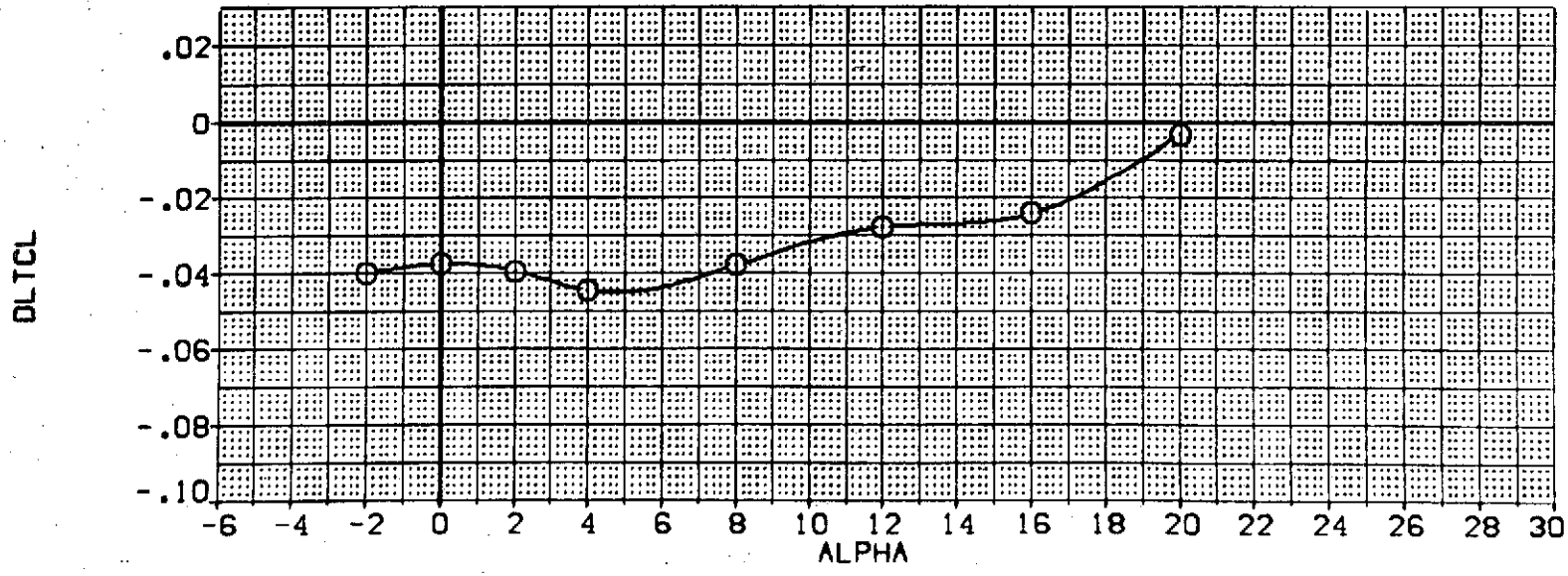
INCREMENTAL EFFECTS DUE TO OMS PODS

(B)MACH = .60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-688(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.5817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



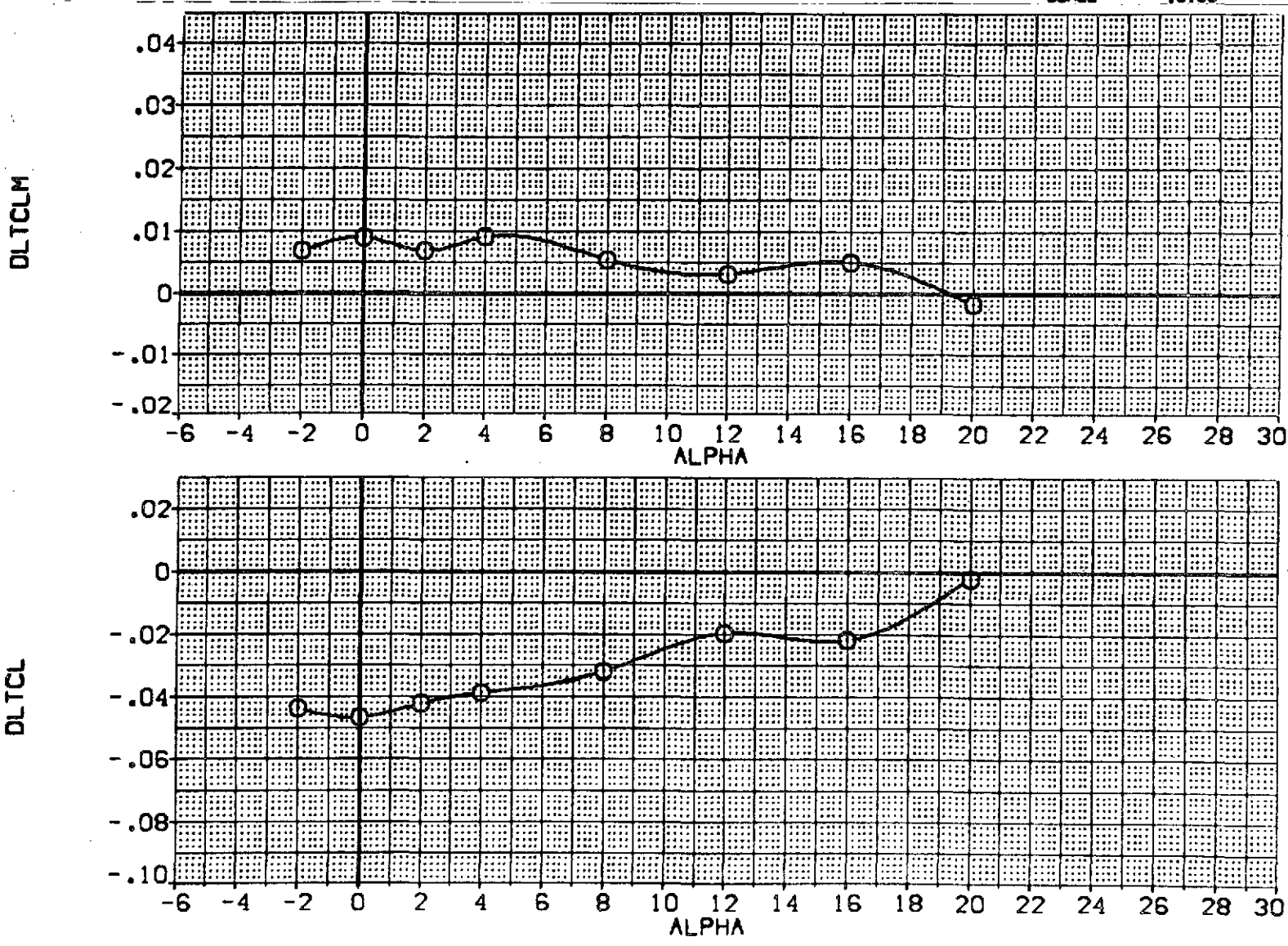


INCREMENTAL EFFECTS DUE TO OMS PODS

(C)MACH = .80

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (826C9F8M1GN28)(V11GE43)(V0R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

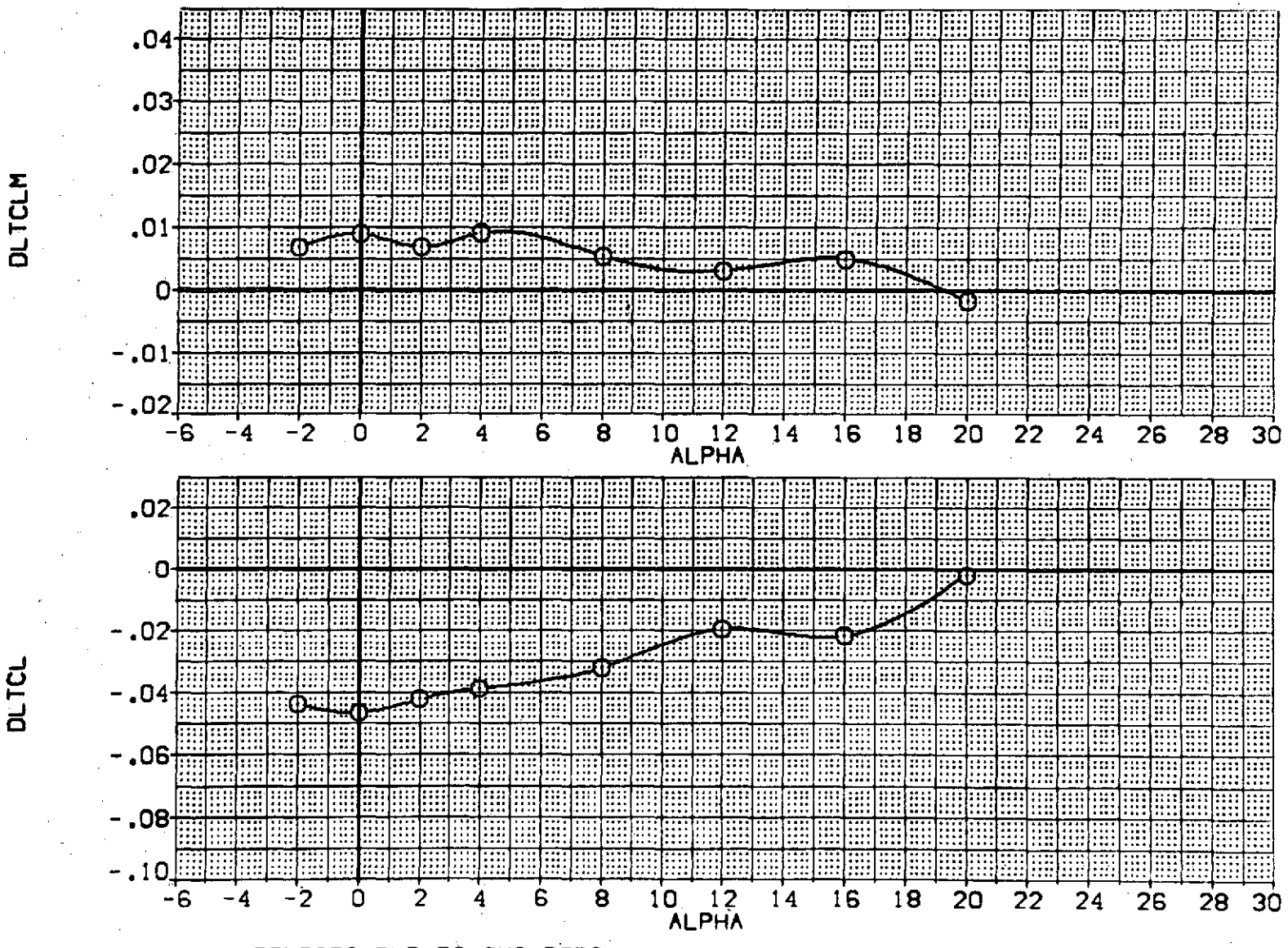


INCREMENTAL EFFECTS DUE TO OMS PODS

(D)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

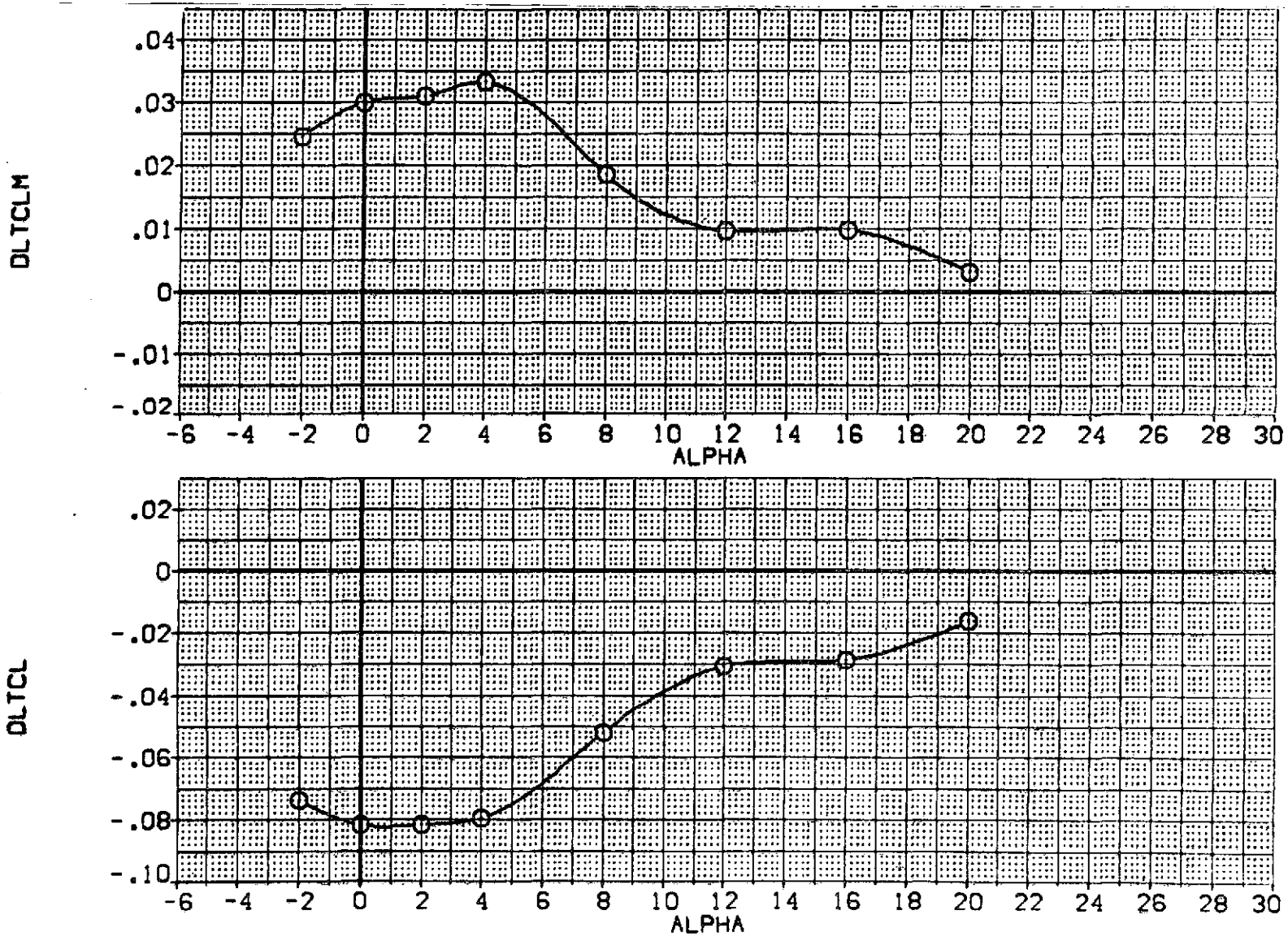


INCREMENTAL EFFECTS DUE TO OMS PODS

(E)MACH = .92

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9FBM18N28)(V)16E43)(VBR5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.5800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

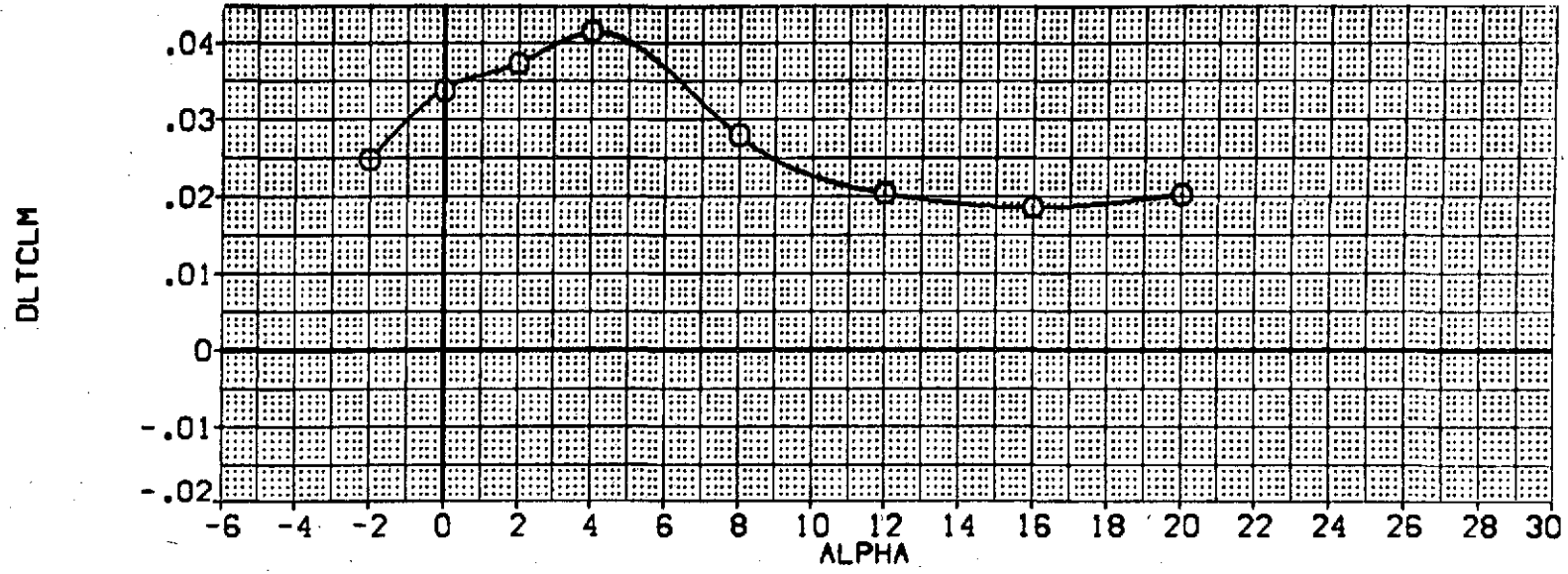


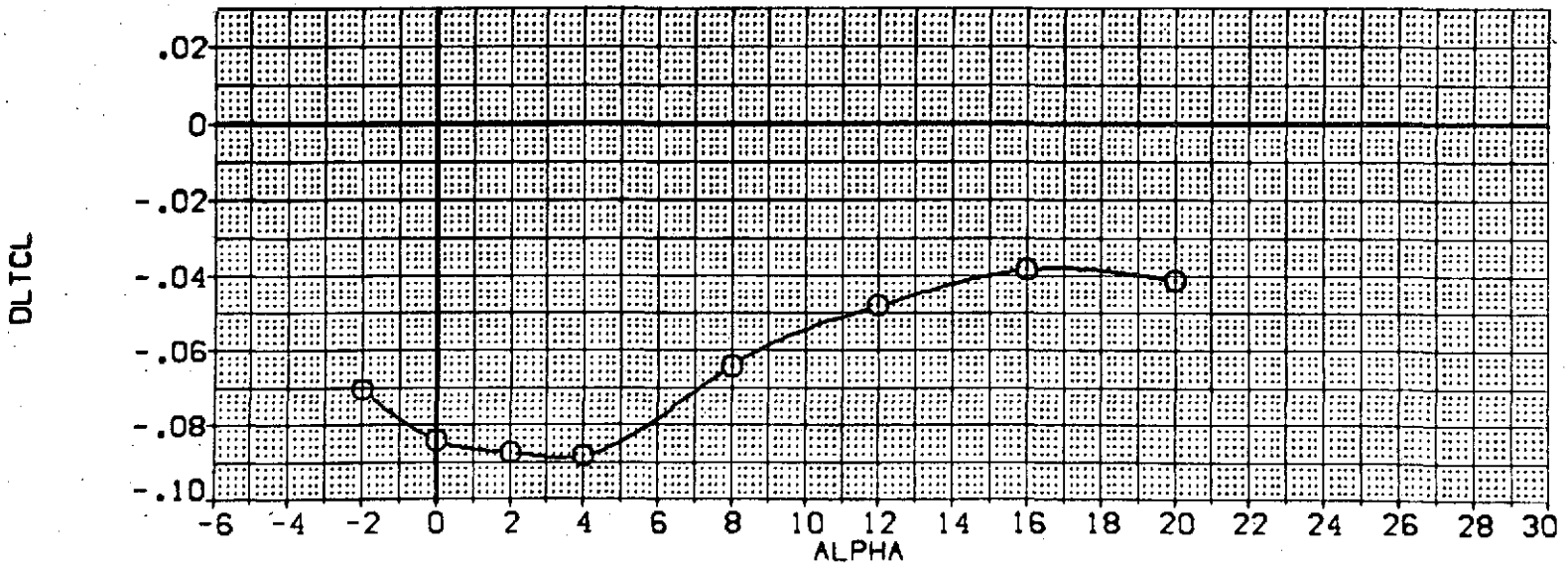
INCREMENTAL EFFECTS DUE TO OMS PODS

(F)MACH = .95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHJ002) ○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



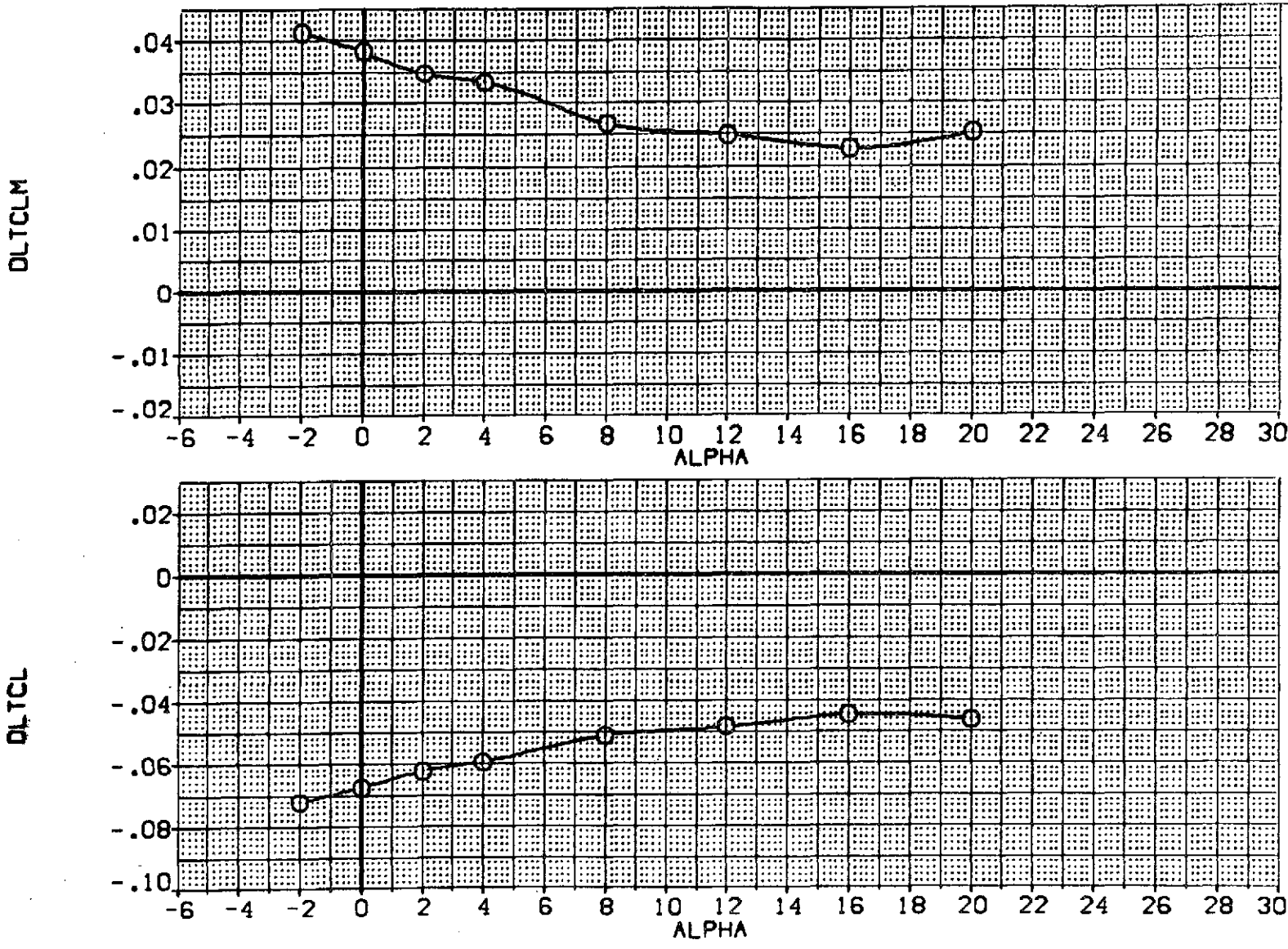


INCREMENTAL EFFECTS DUE TO OMS PODS

(G)MACH = .98

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
(EHU002) ○	LARC8-686(0A-116) (B26C9F8M(8N28)(V116E43)(V8R5)	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



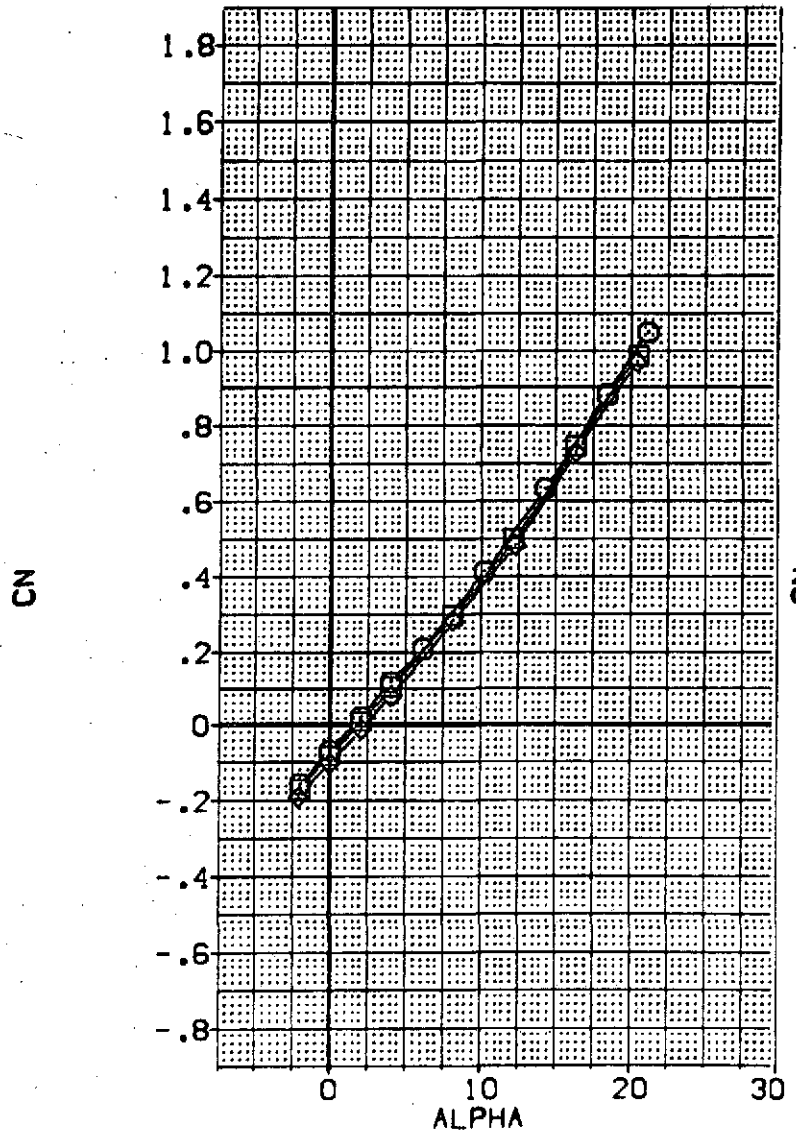
INCREMENTAL EFFECTS DUE TO OMS PODS

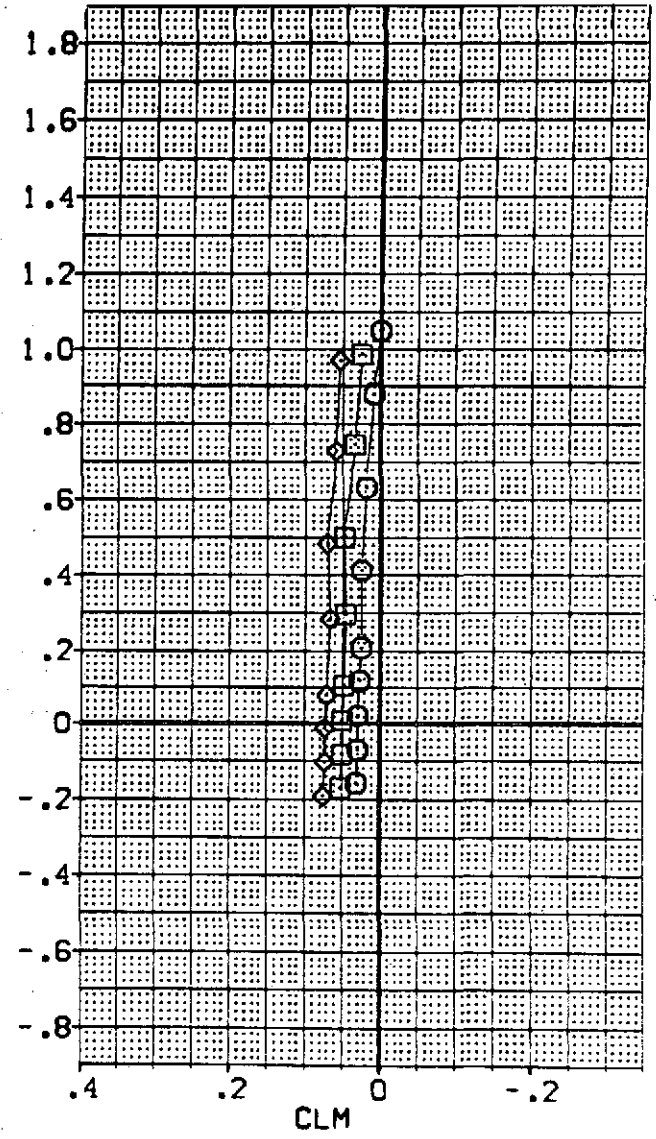
(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





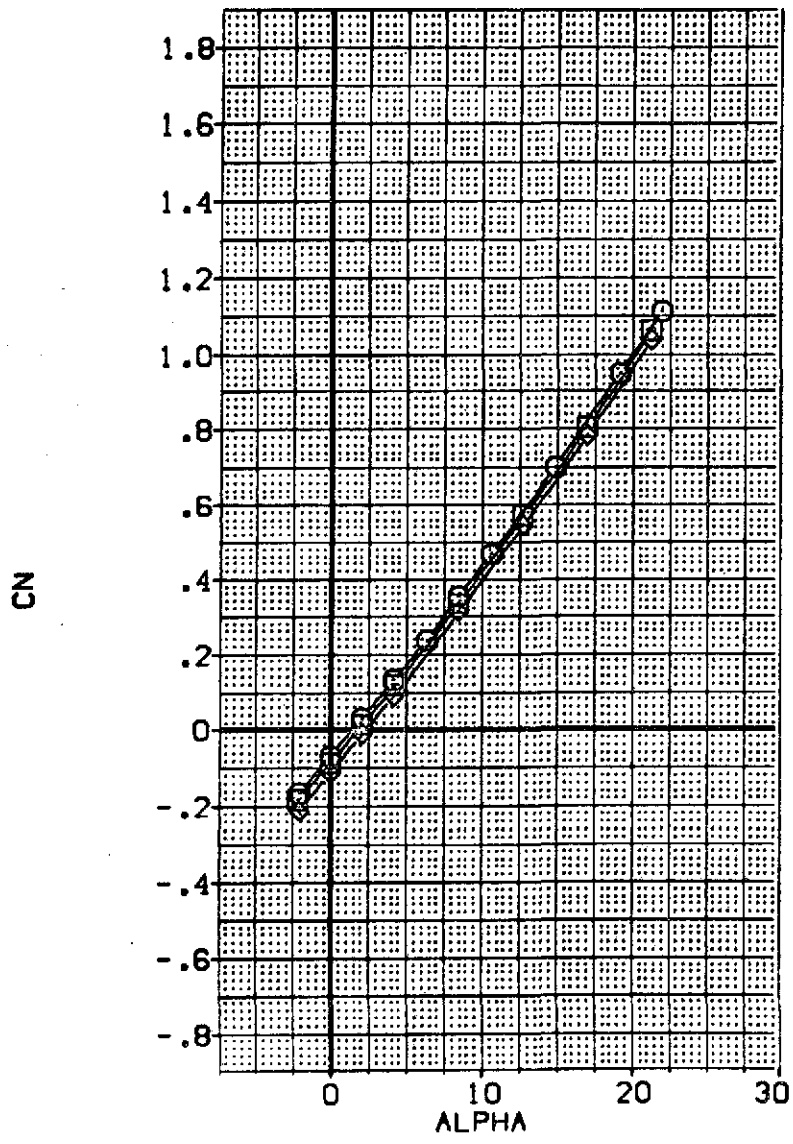
SPEED BRAKE EFFECTIVENESS

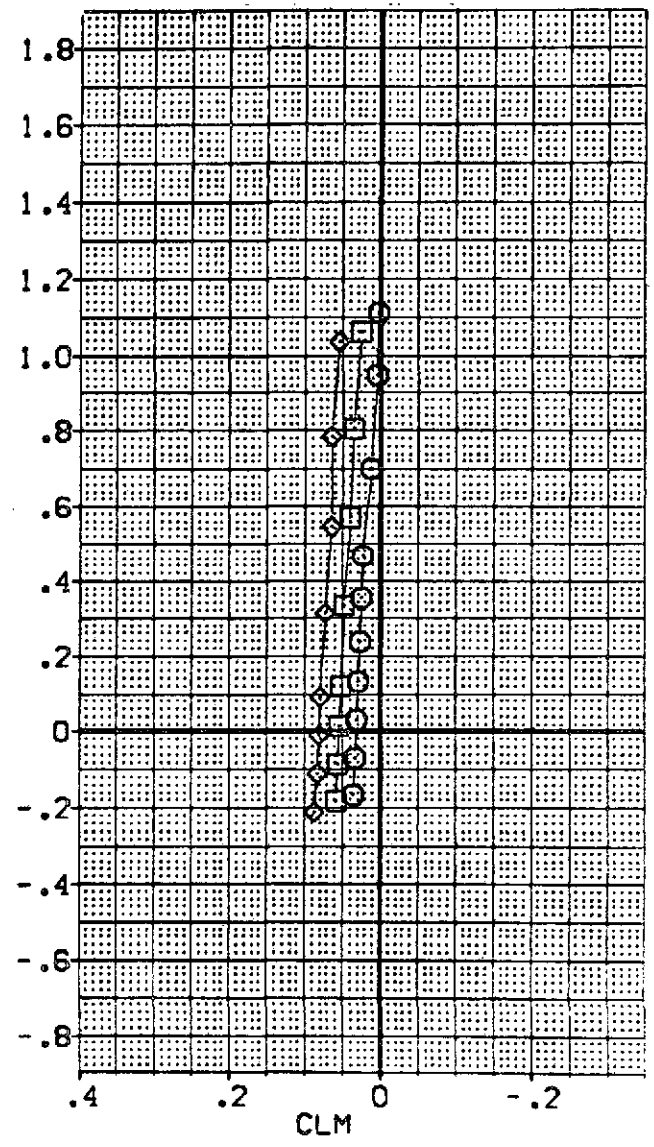
(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	LARC8-686(0A-116) (B26C9F9M16N28)(V)16E43)(VBR5)	25.000	.000
(DHU003)	LARC8-686(0A-116) (B26C9F9M16N28)(V)16E43)(VBR5)	55.000	.000
(DHU004)	LARC8-686(0A-116) (B26C9F9M16N28)(V)16E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	





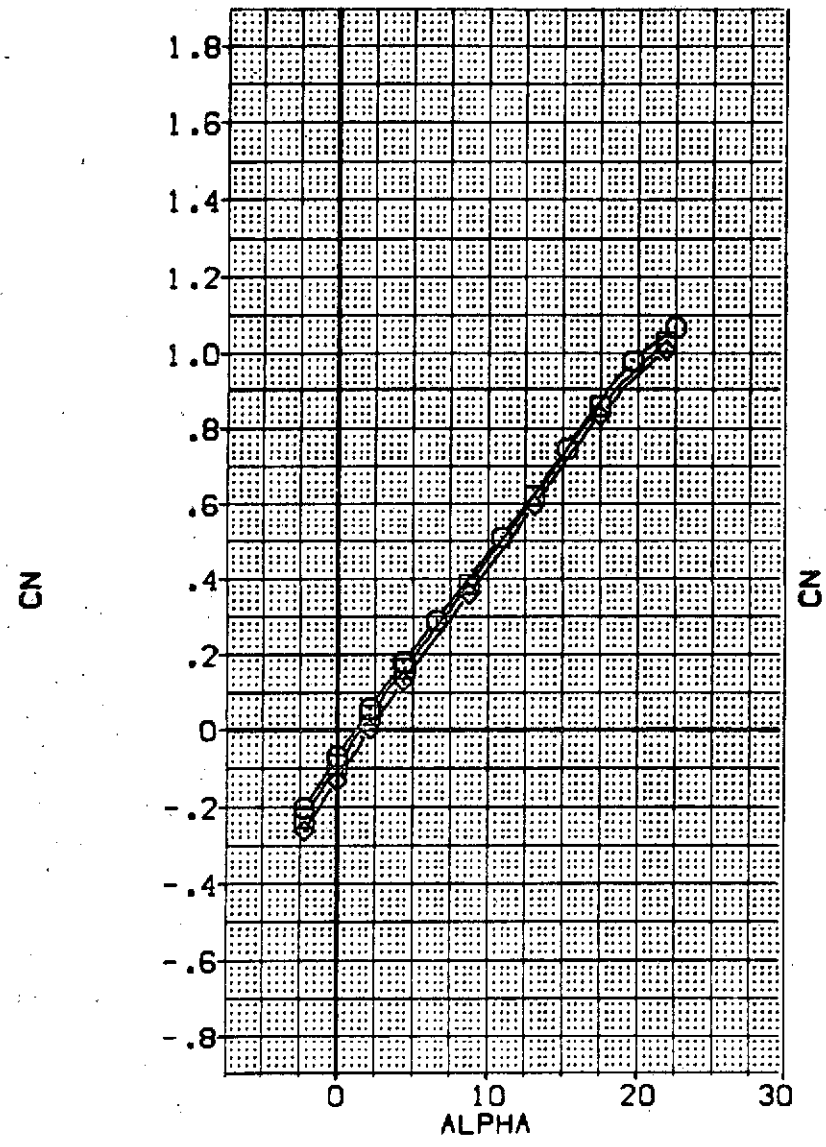
SPEED BRAKE EFFECTIVENESS

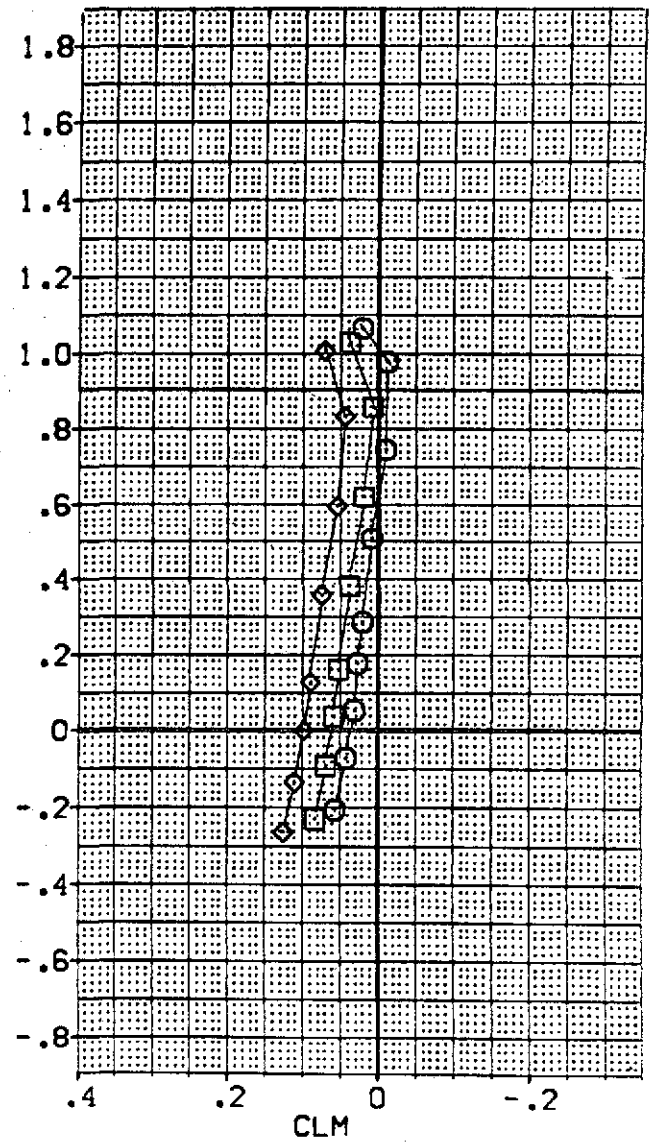
(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





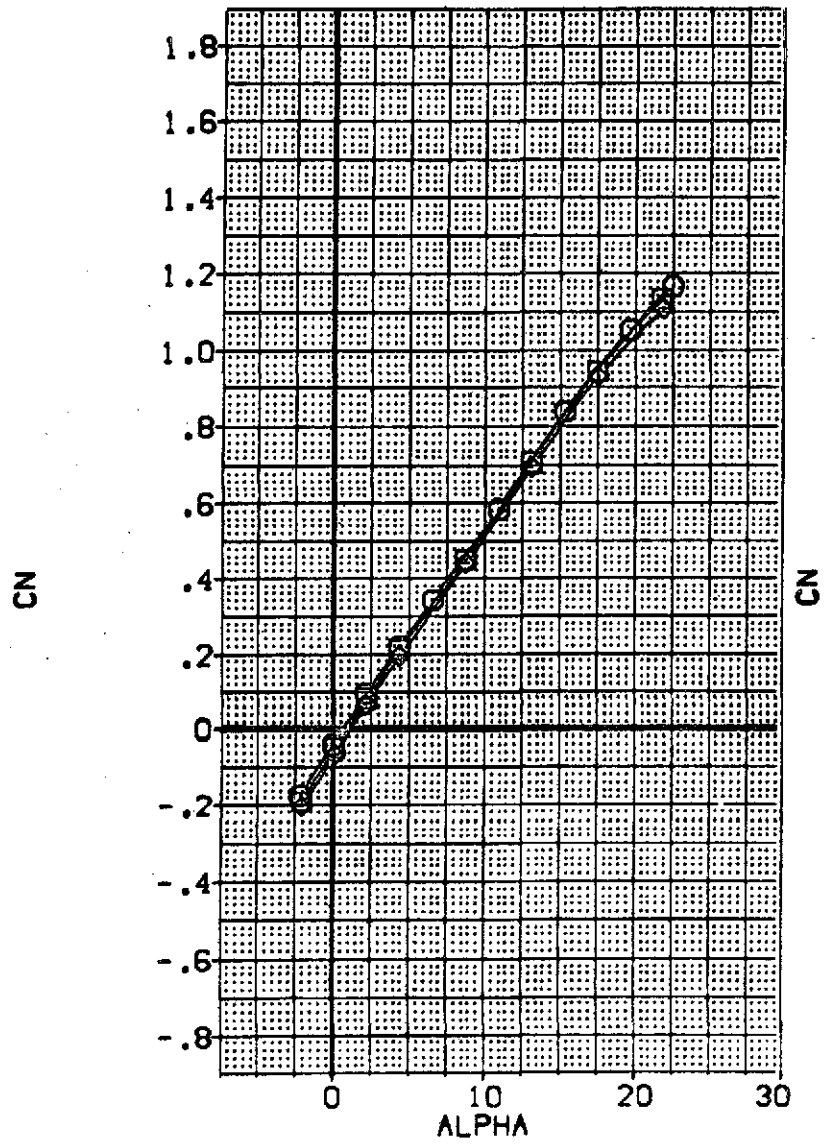
SPEED BRAKE EFFECTIVENESS

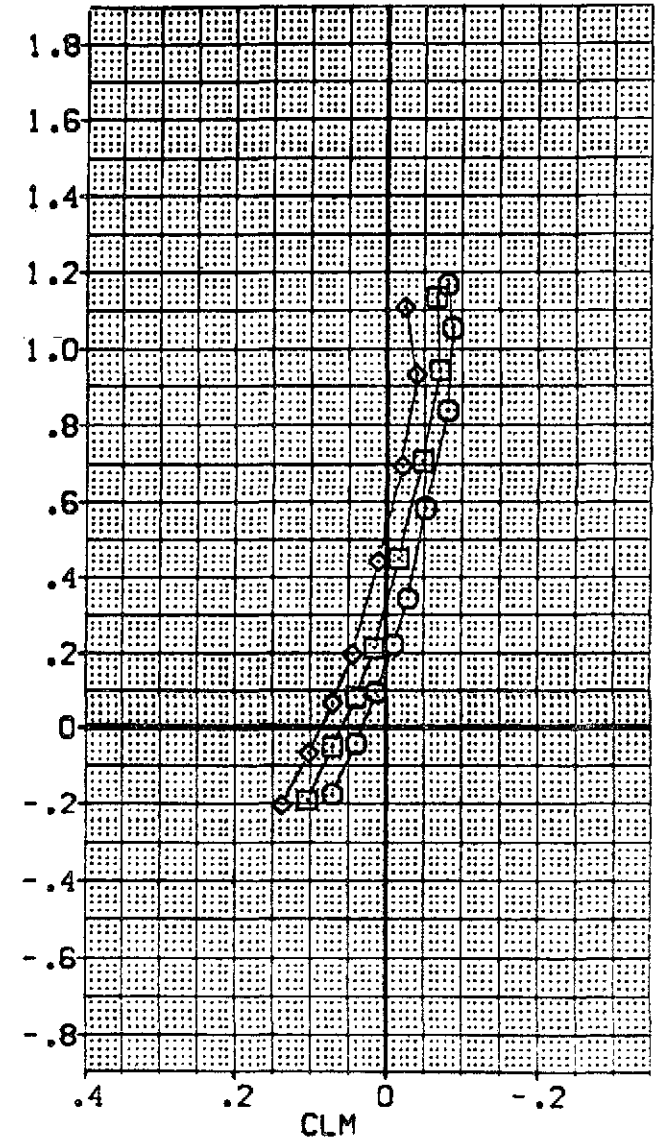
(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(VBR5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(VBR5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





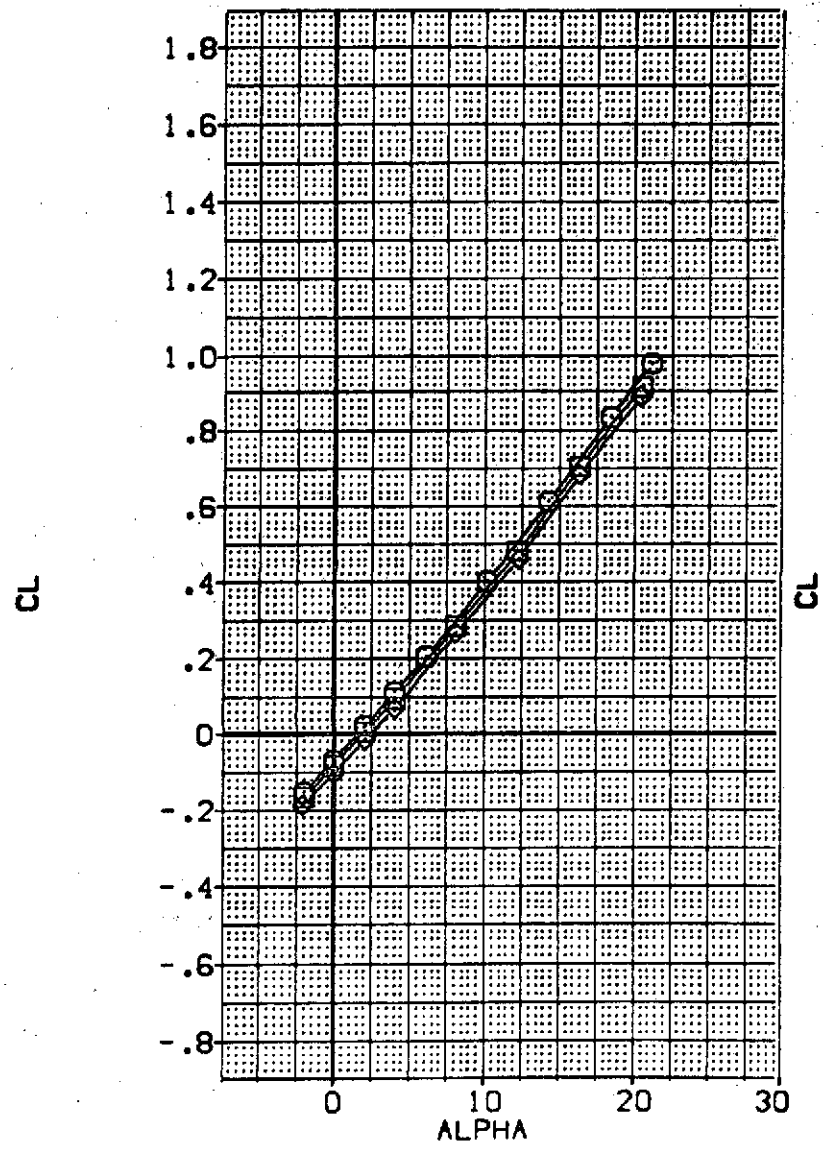
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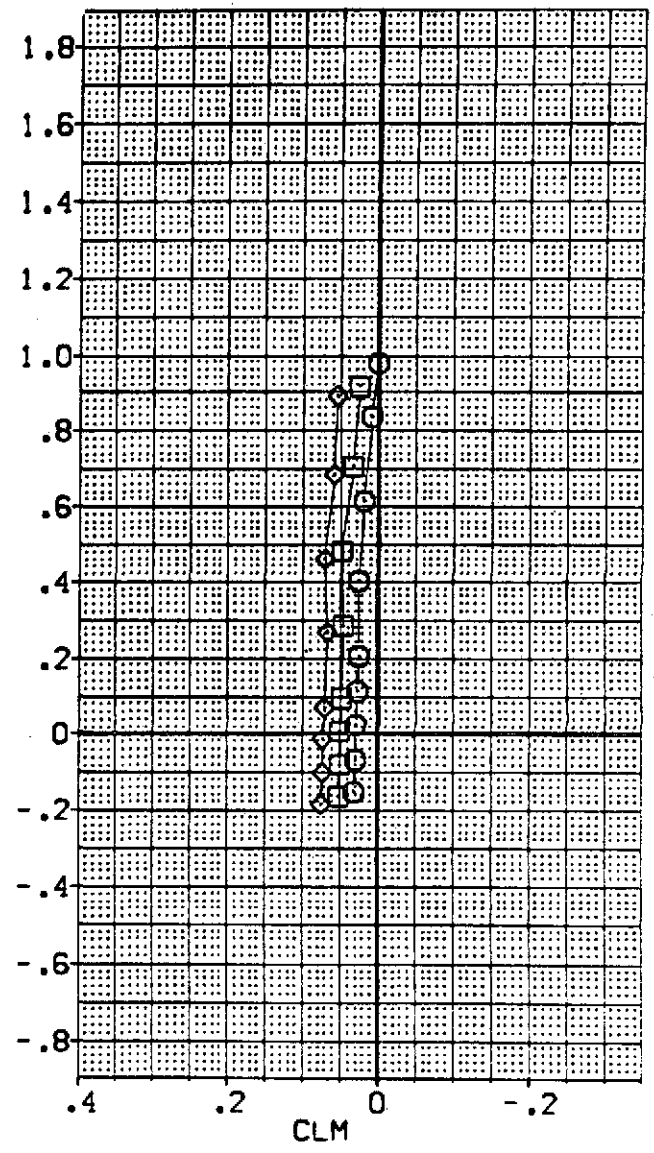
(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)16E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





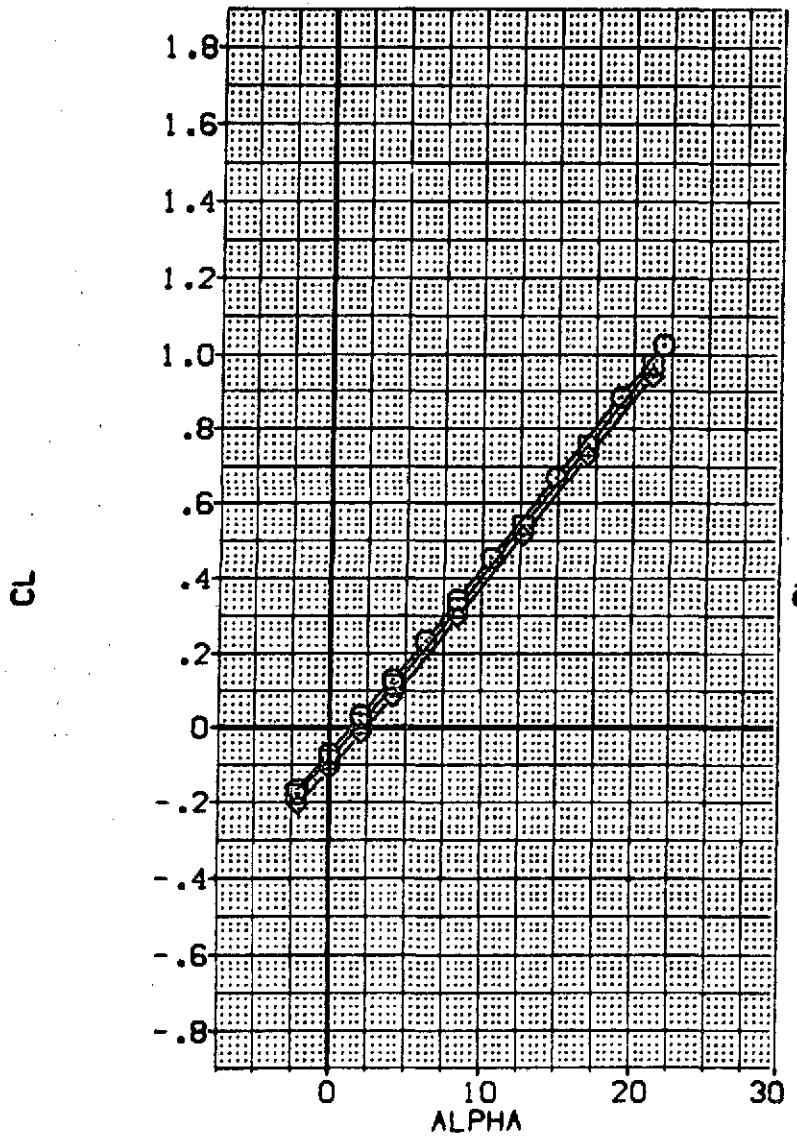
SPEED BRAKE EFFECTIVENESS

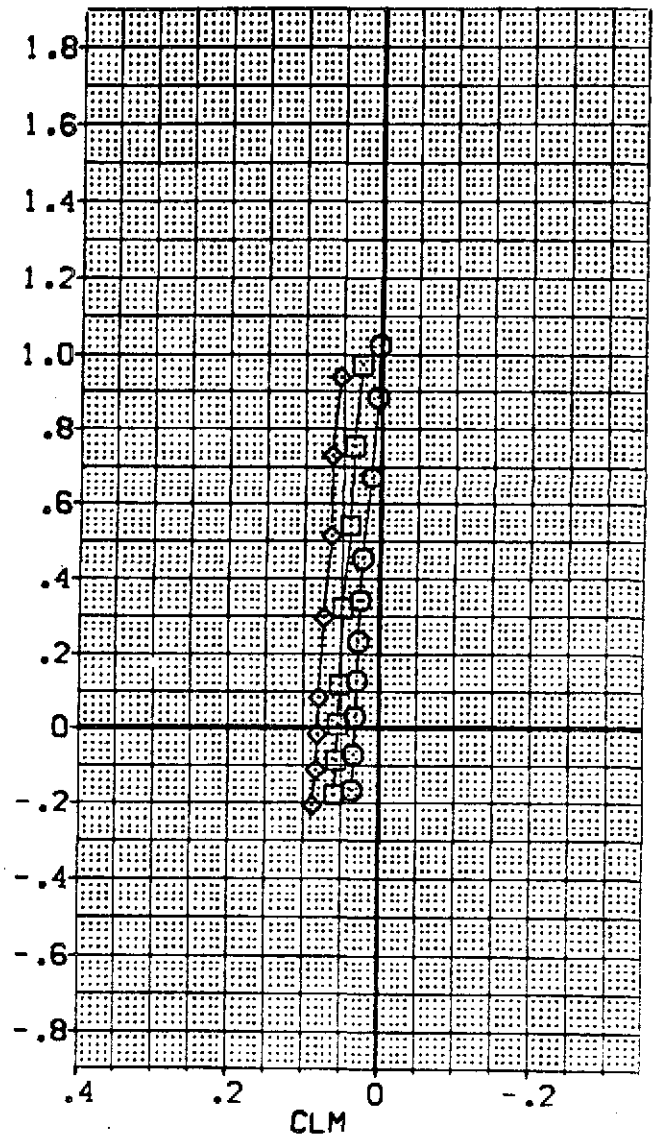
(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





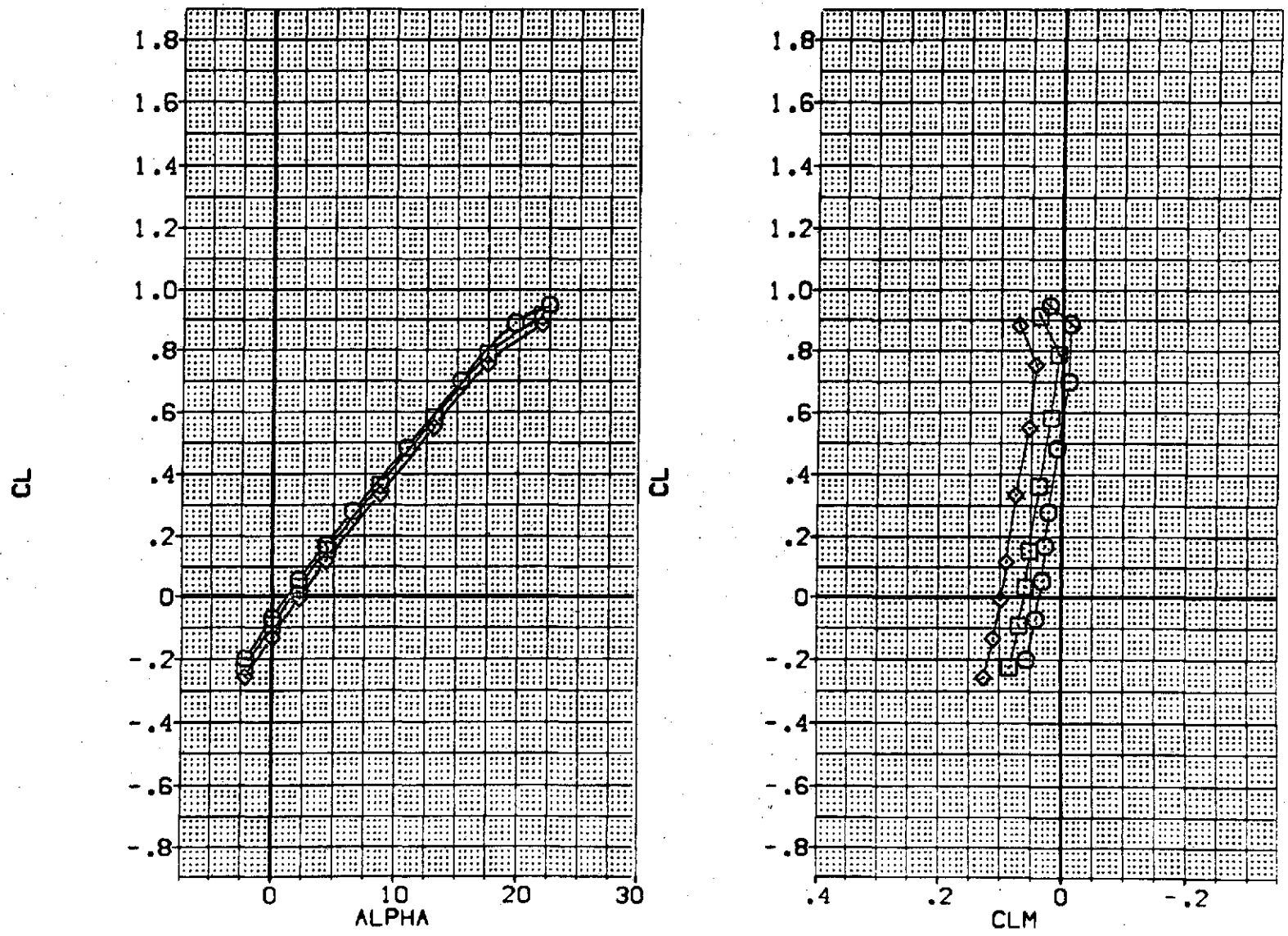
SPEED BRAKE EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
[DHU001]	○	LARC8-686[0A-116] [B26C9F8M16N20][V116E43][V8R5]	25.000	.000
[DHU003]	□	LARC8-686[0A-116] [B26C9F8M16N20][V116E43][V8R5]	55.000	.000
[DHU004]	◇	LARC8-686[0A-116] [B26C9F8M16N20][V116E43][V8R5]	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



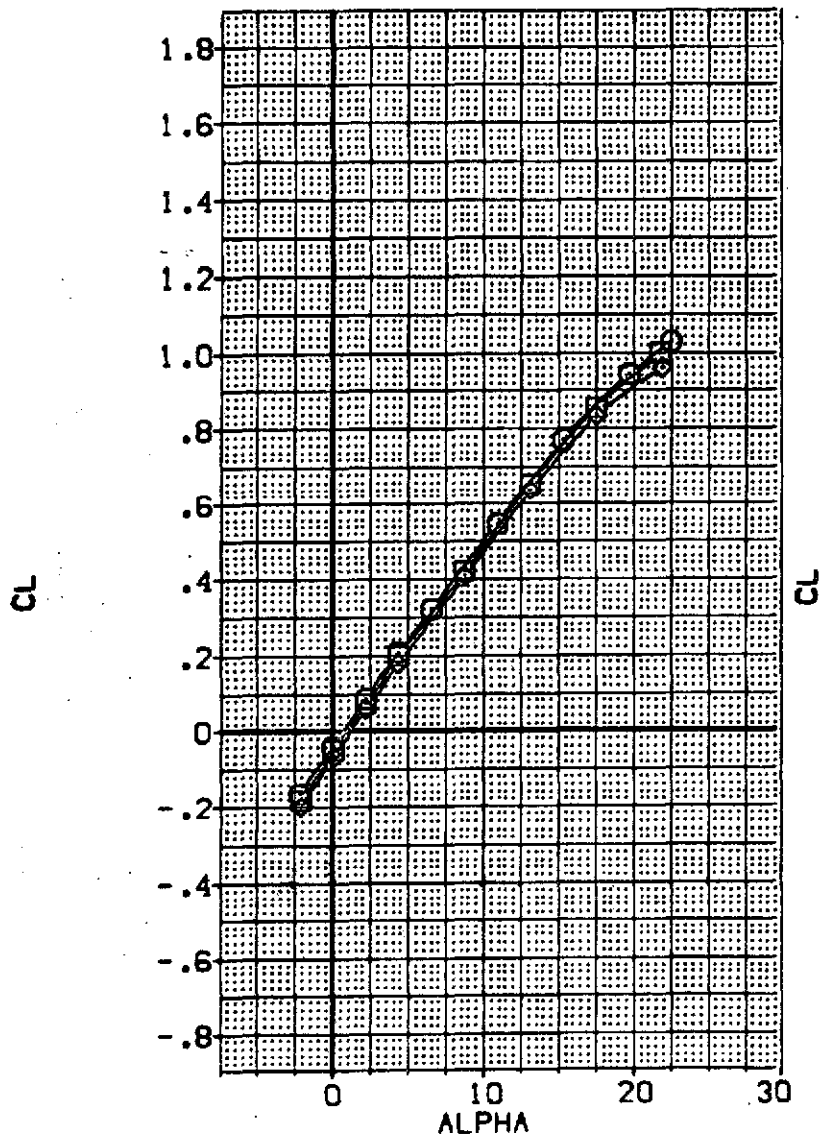
SPEED BRAKE EFFECTIVENESS

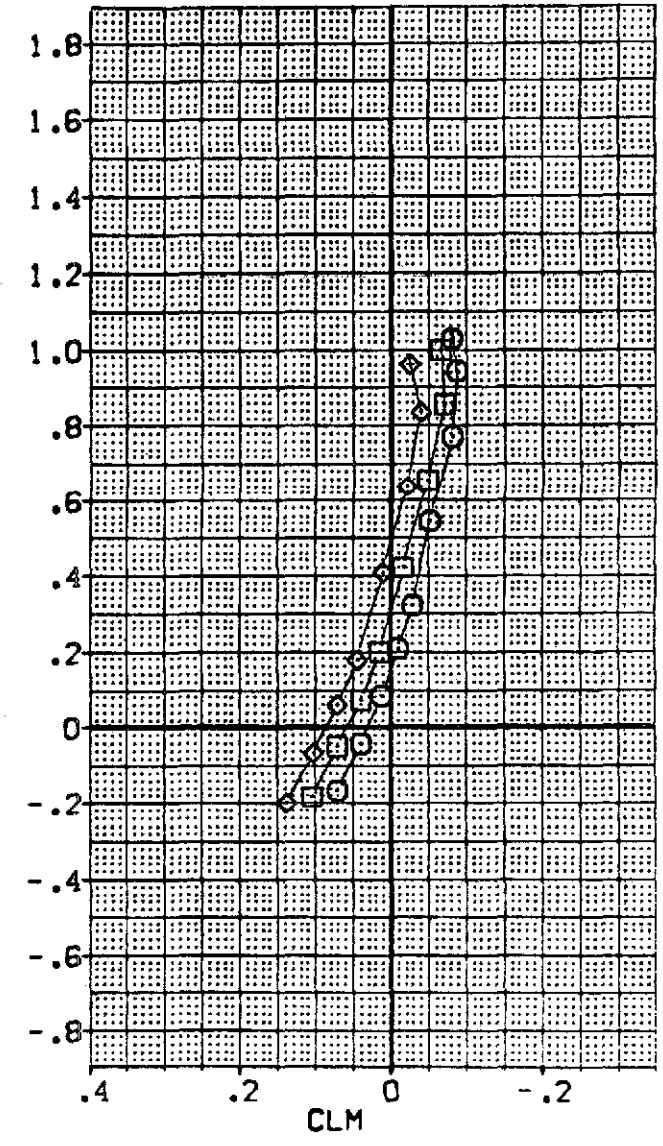
(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	LARC8-686(DA-116) (B26C9F8M16N28)(V1)6E43)(VBR5)	25.000	.000
(DHU003)	LARC8-686(DA-116) (B26C9F8M16N28)(V1)6E43)(VBR5)	55.000	.000
(DHU004)	LARC8-686(DA-116) (B26C9F8M16N28)(V1)6E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	





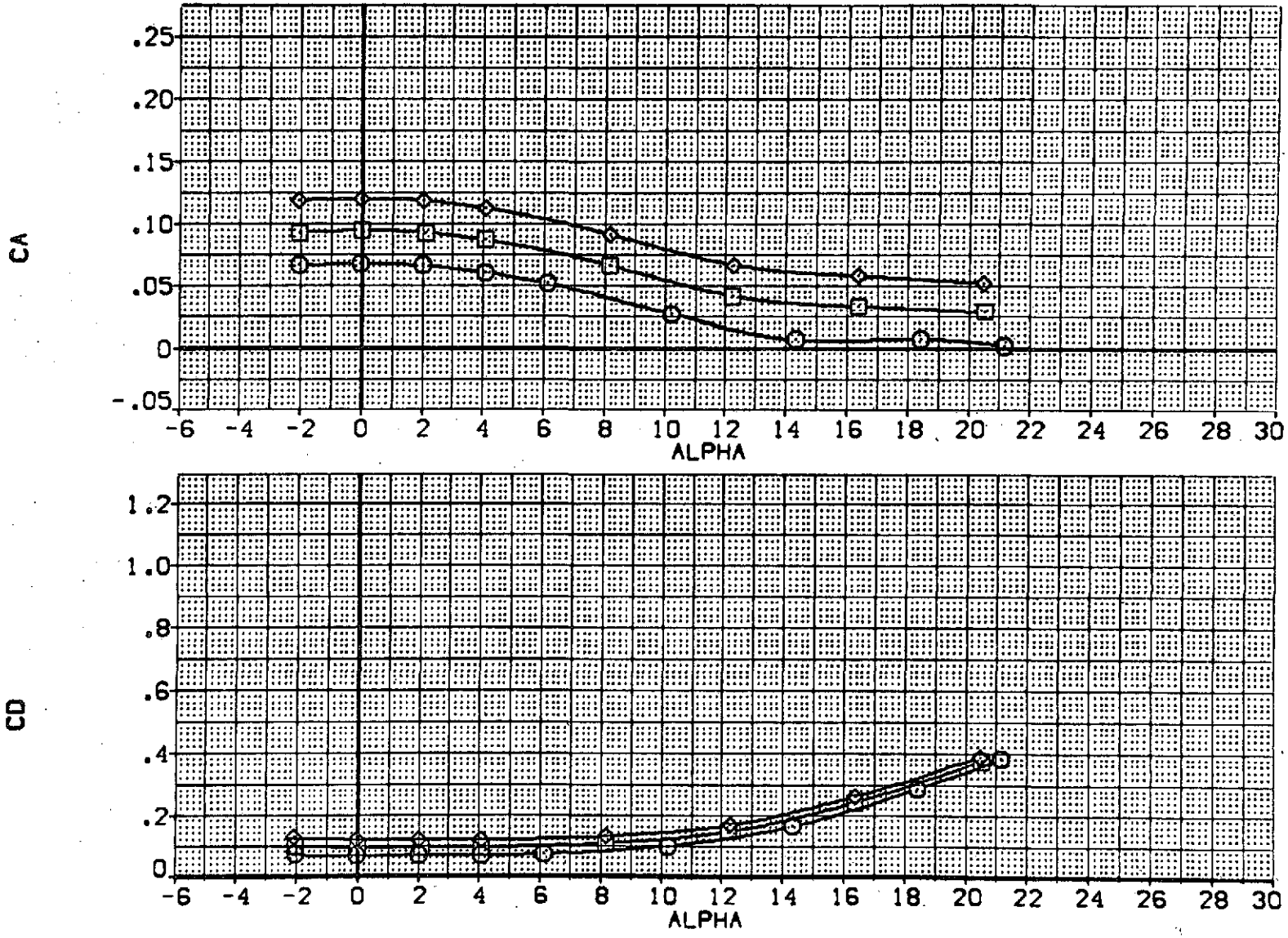
SPEED BRAKE EFFECTIVENESS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9FBM16N28)(V)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9FBM16N28)(V)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9FBM16N28)(V)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



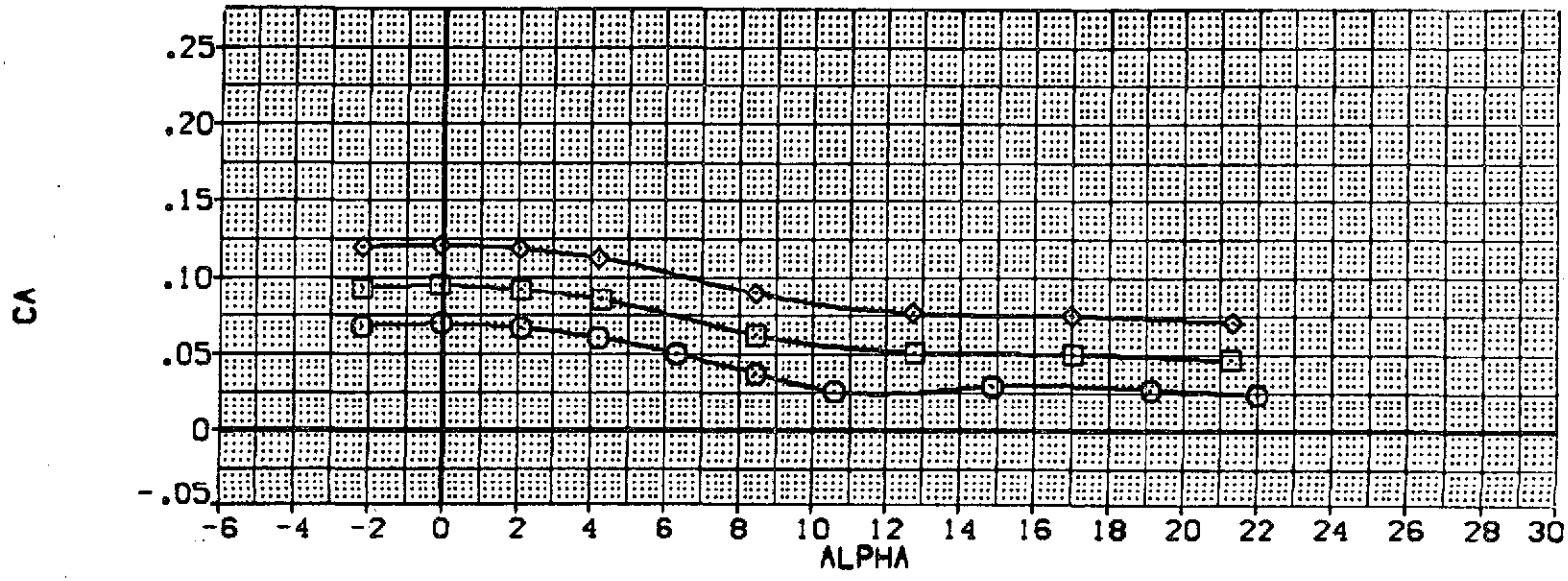
SPEED BRAKE EFFECTIVENESS

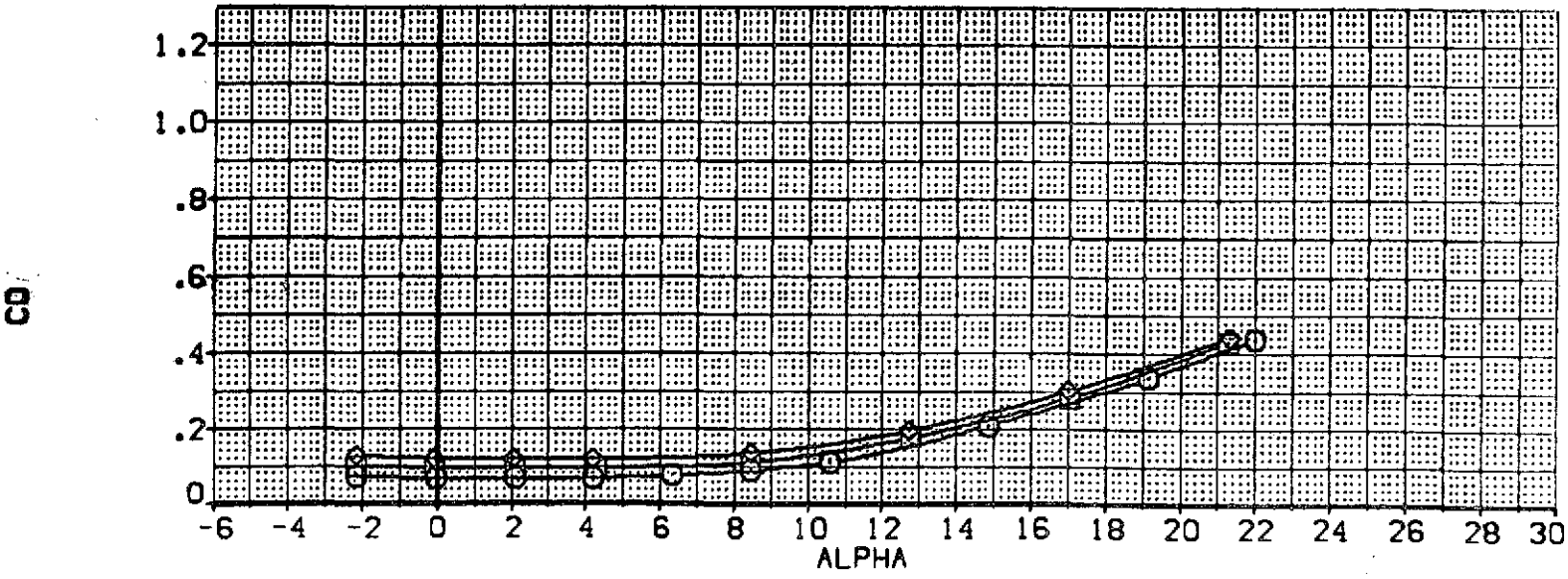
(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	





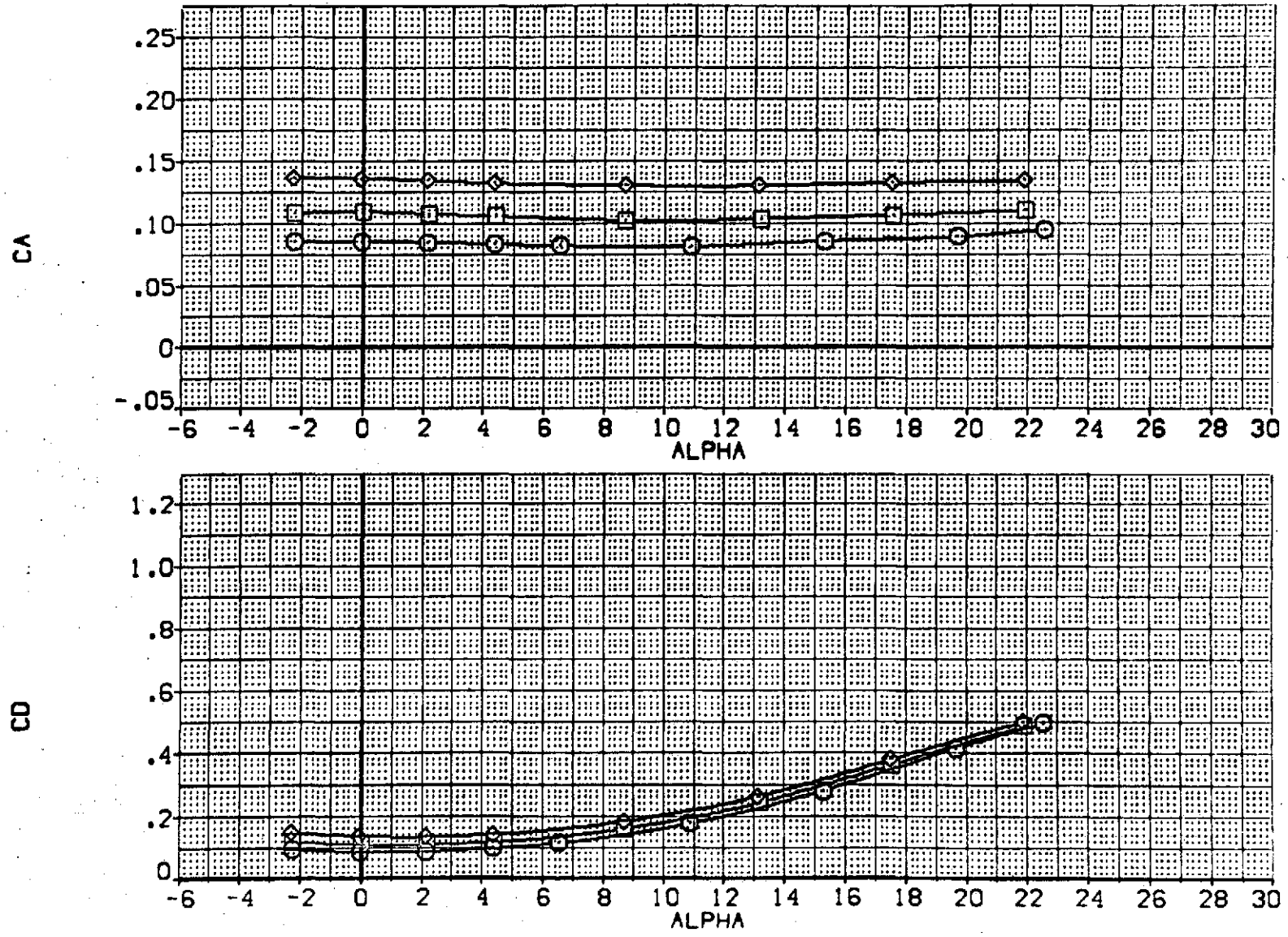
SPEED BRAKE EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N20)(V)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



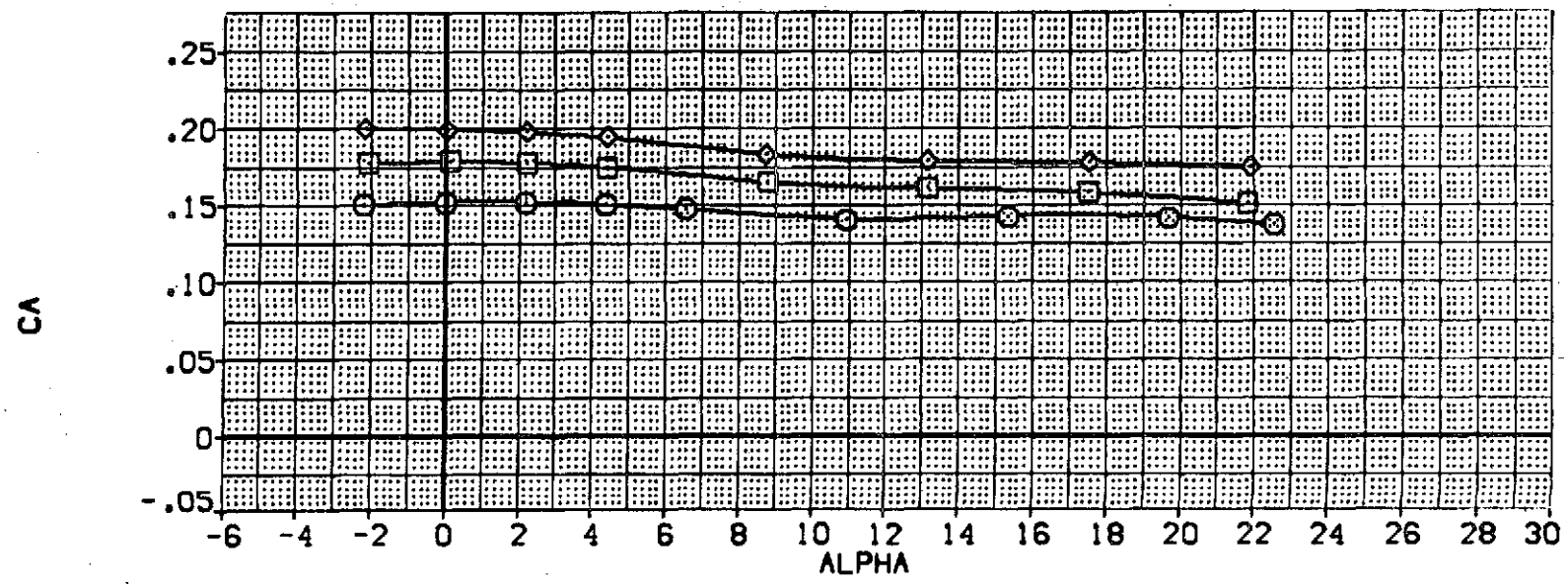
SPEED BRAKE EFFECTIVENESS

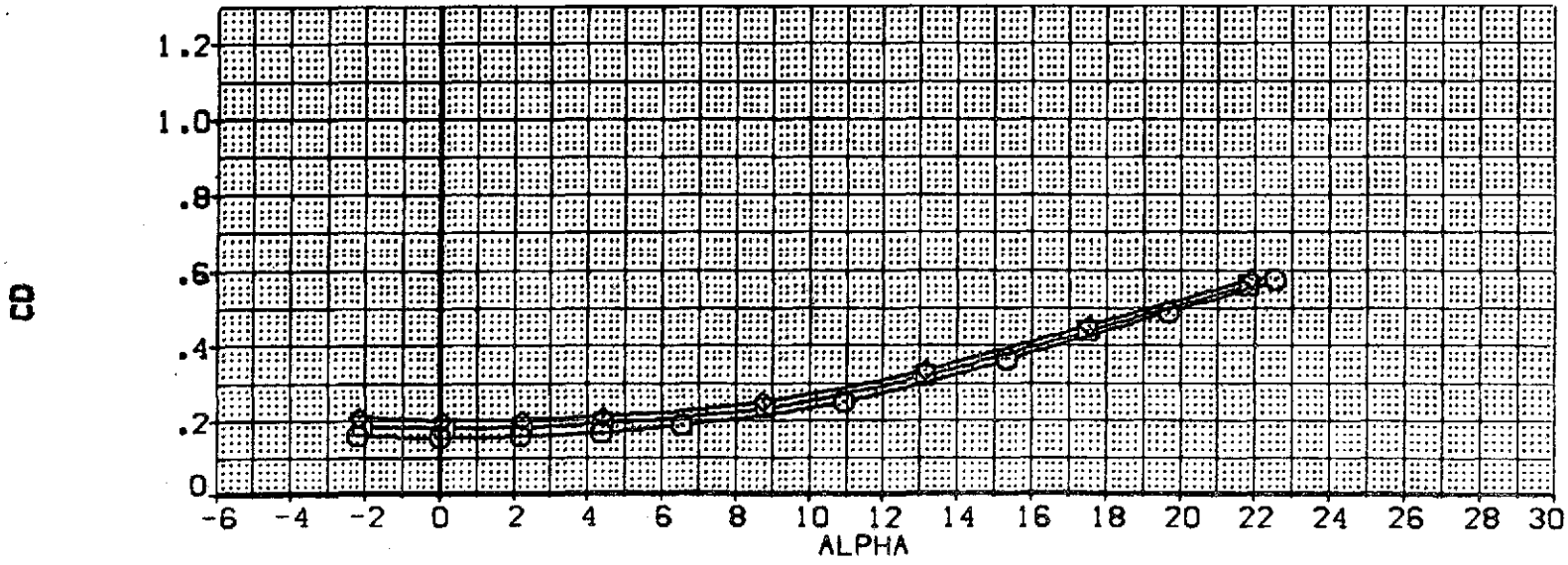
(C)MACH = .90

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(DA-116) (826C9F8M16N28)(V)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(DA-116) (826C9F8M16N28)(V)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(DA-116) (826C9F8M16N28)(V)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



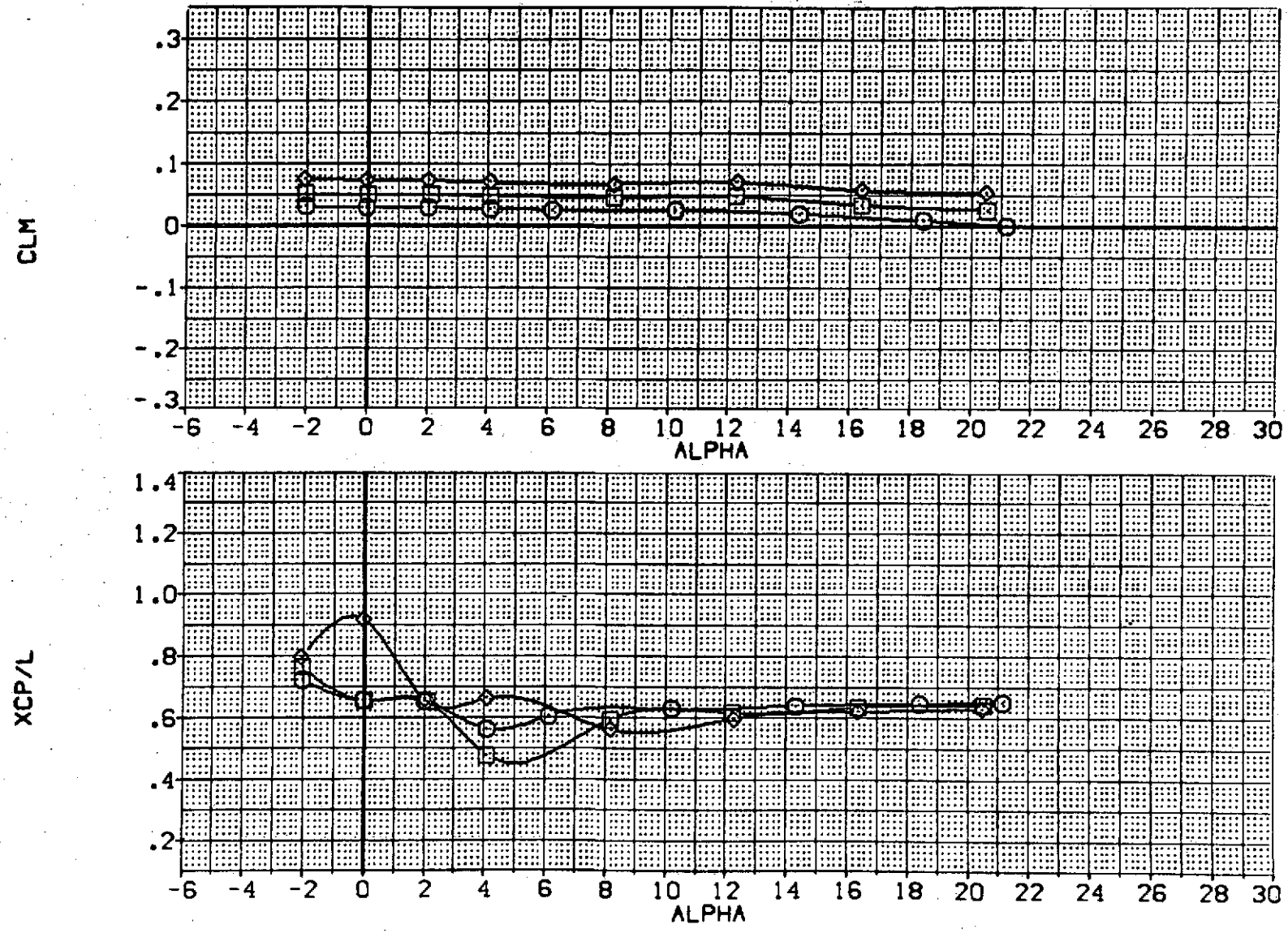


SPEED BRAKE EFFECTIVENESS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M1(6N28)(V)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M1(6N28)(V)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M1(6N28)(V)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



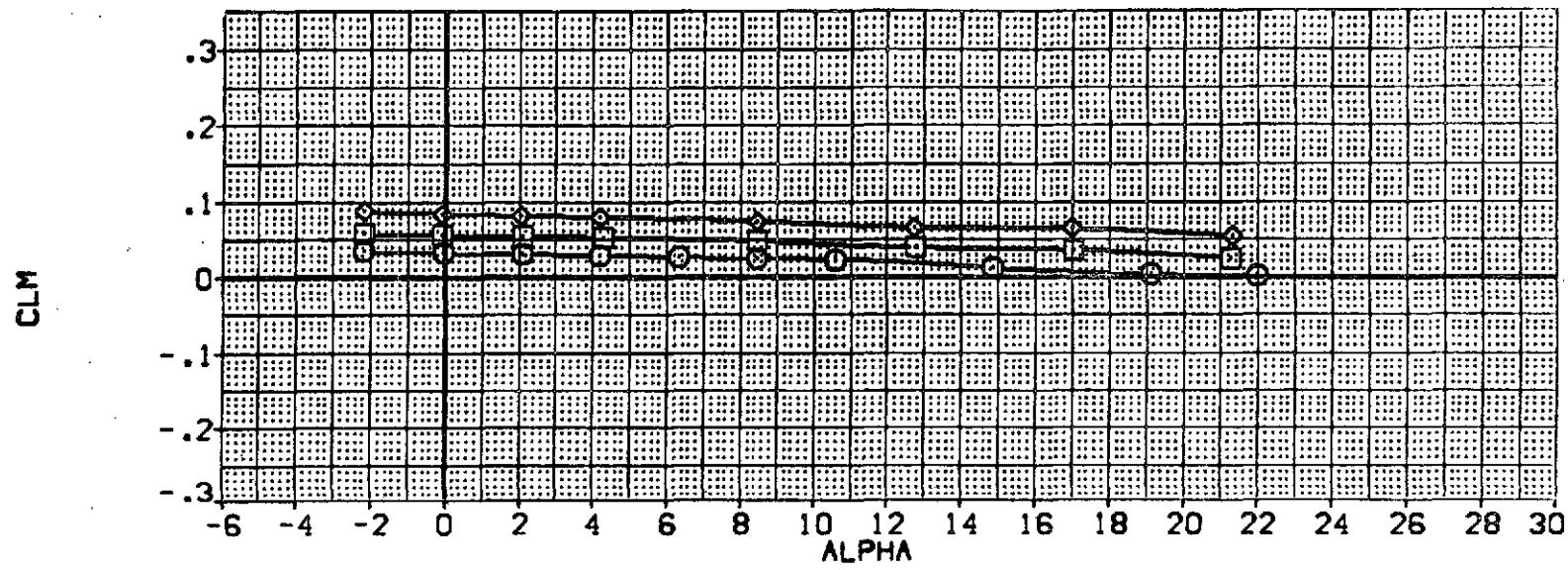
SPEED BRAKE EFFECTIVENESS

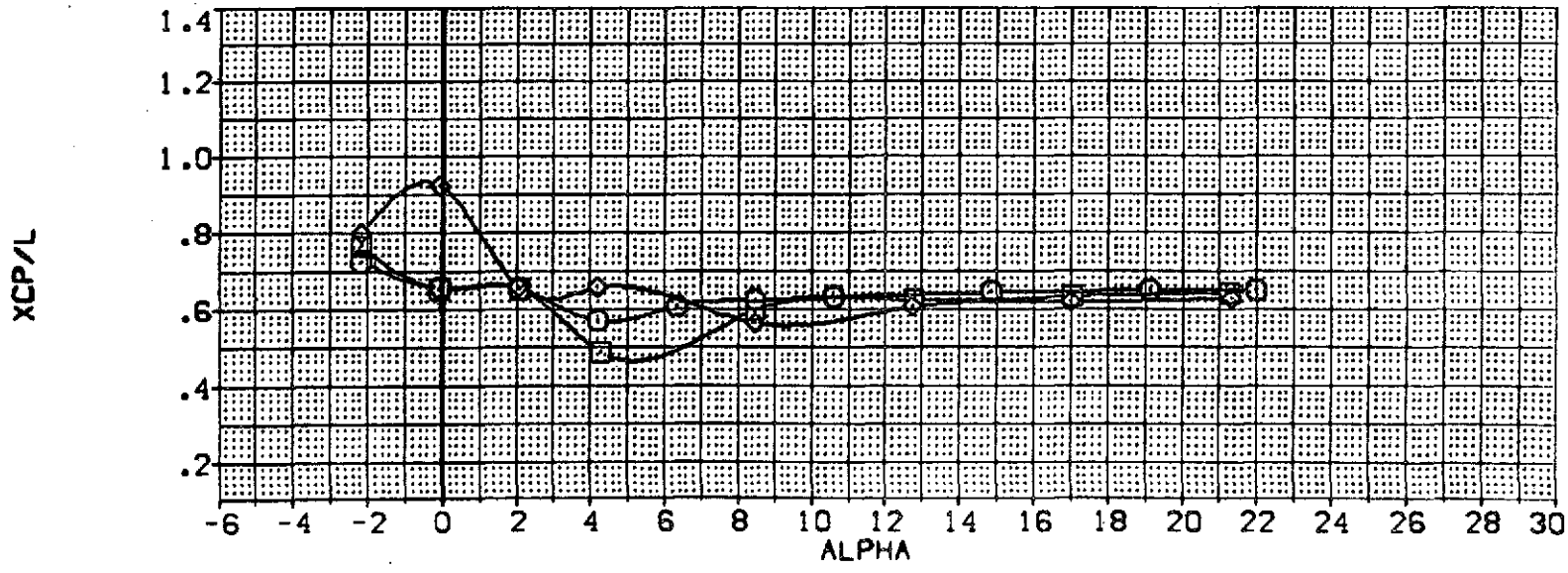
(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2680.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	





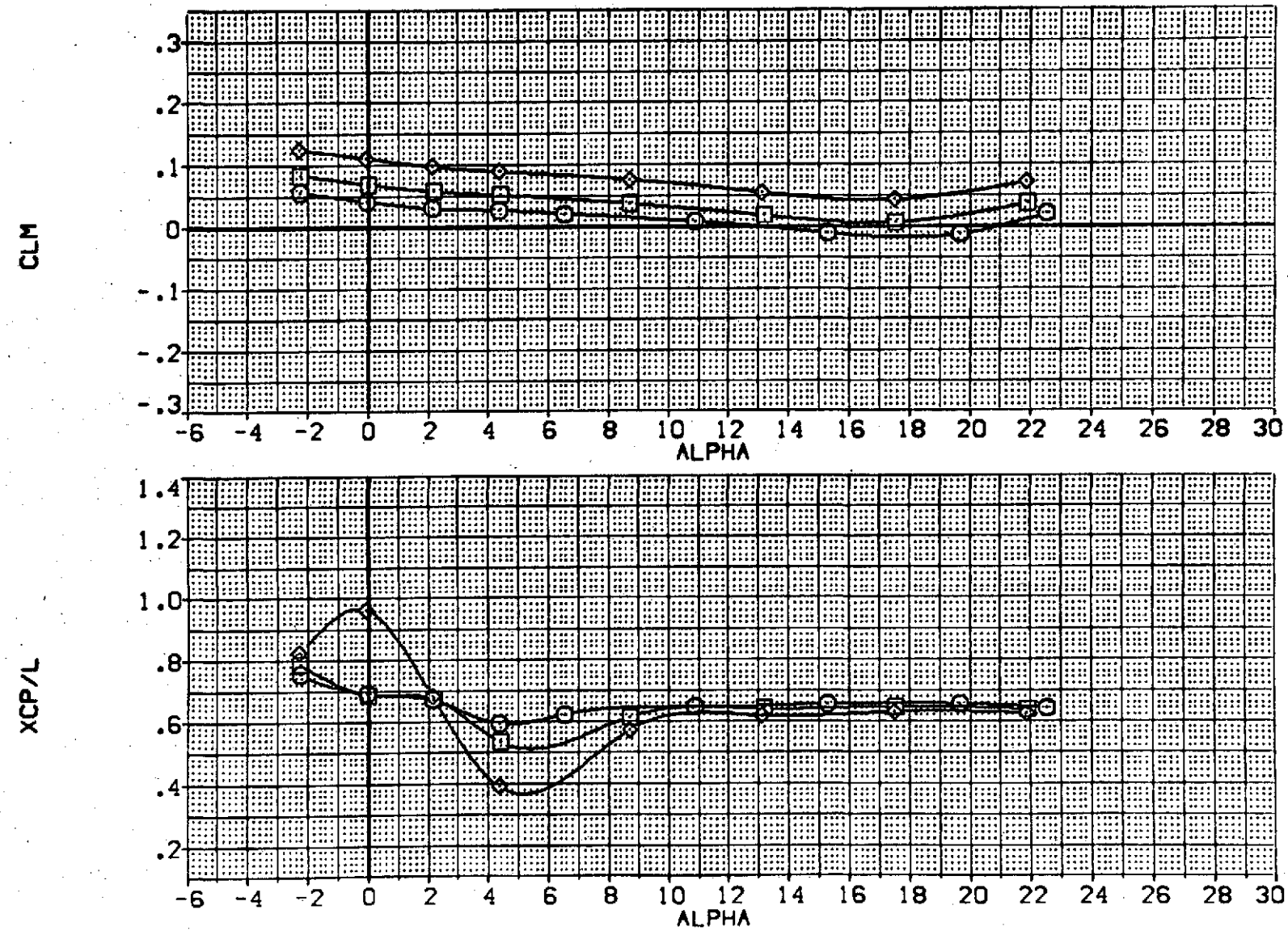
SPEED BRAKE EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



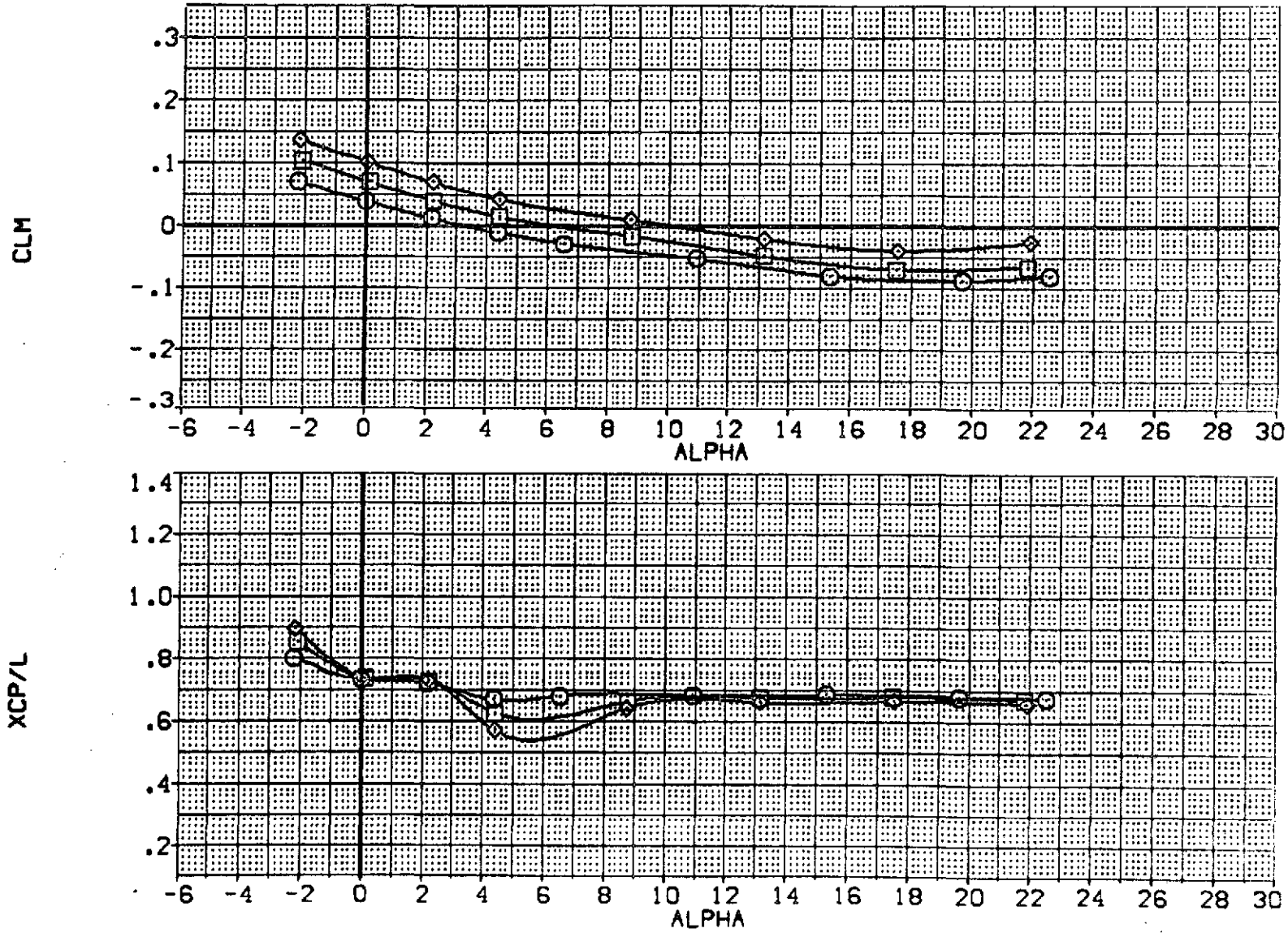
SPEED BRAKE EFFECTIVENESS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V6R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V6R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V6R5)	65.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



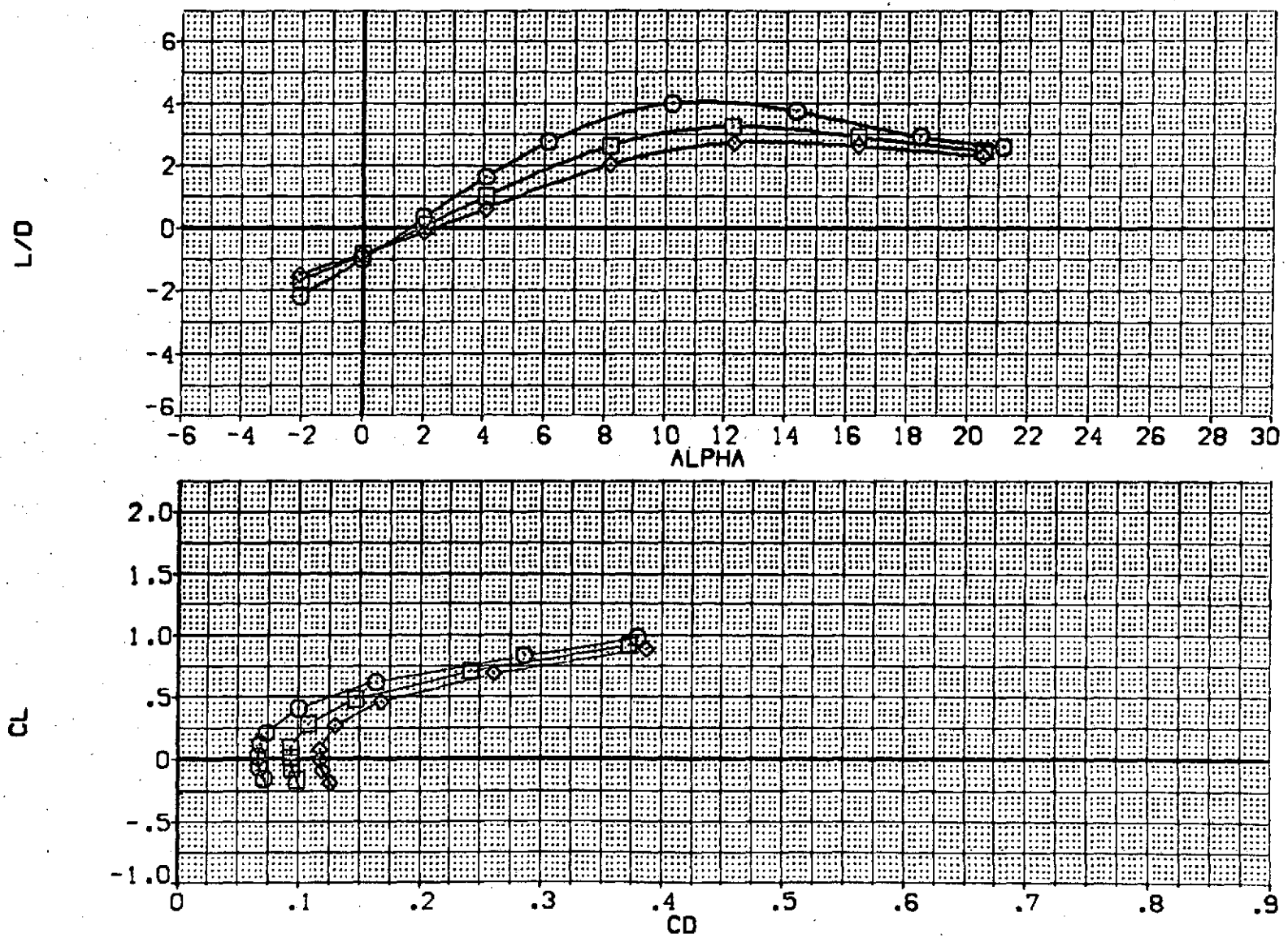
SPEED BRAKE EFFECTIVENESS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	



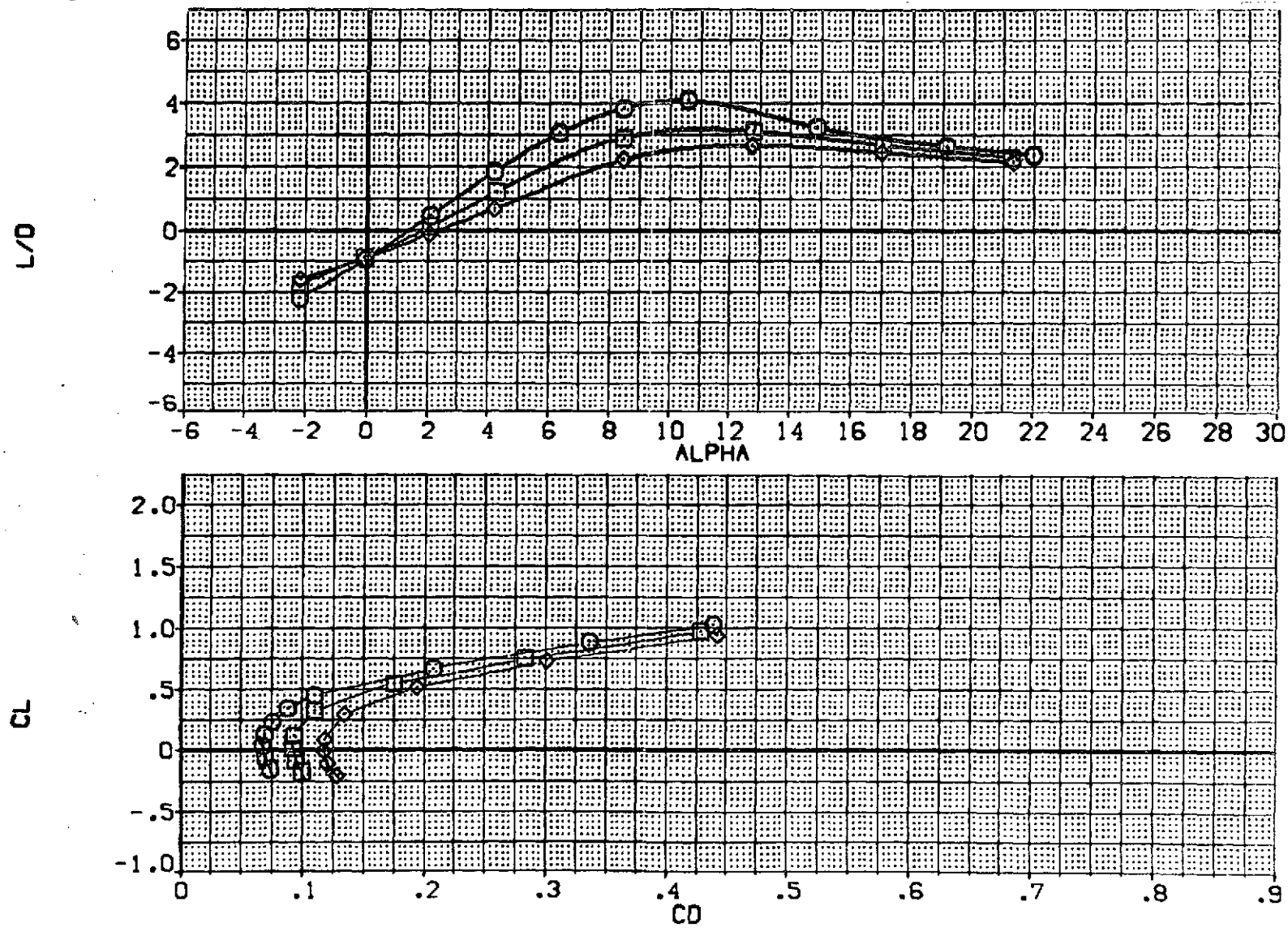
SPEED BRAKE EFFECTIVENESS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(DHU001)	○	LARC8-686(DA-116) (B26C9F8M16N28)(W116E43)(V8F5)	25.000	.000
(DHU003)	□	LARC8-686(DA-116) (B26C9F8M16N28)(W116E43)(V8F5)	55.000	.000
(DHU004)	◇	LARC8-686(DA-116) (B26C9F8M16N28)(W116E43)(V8F5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



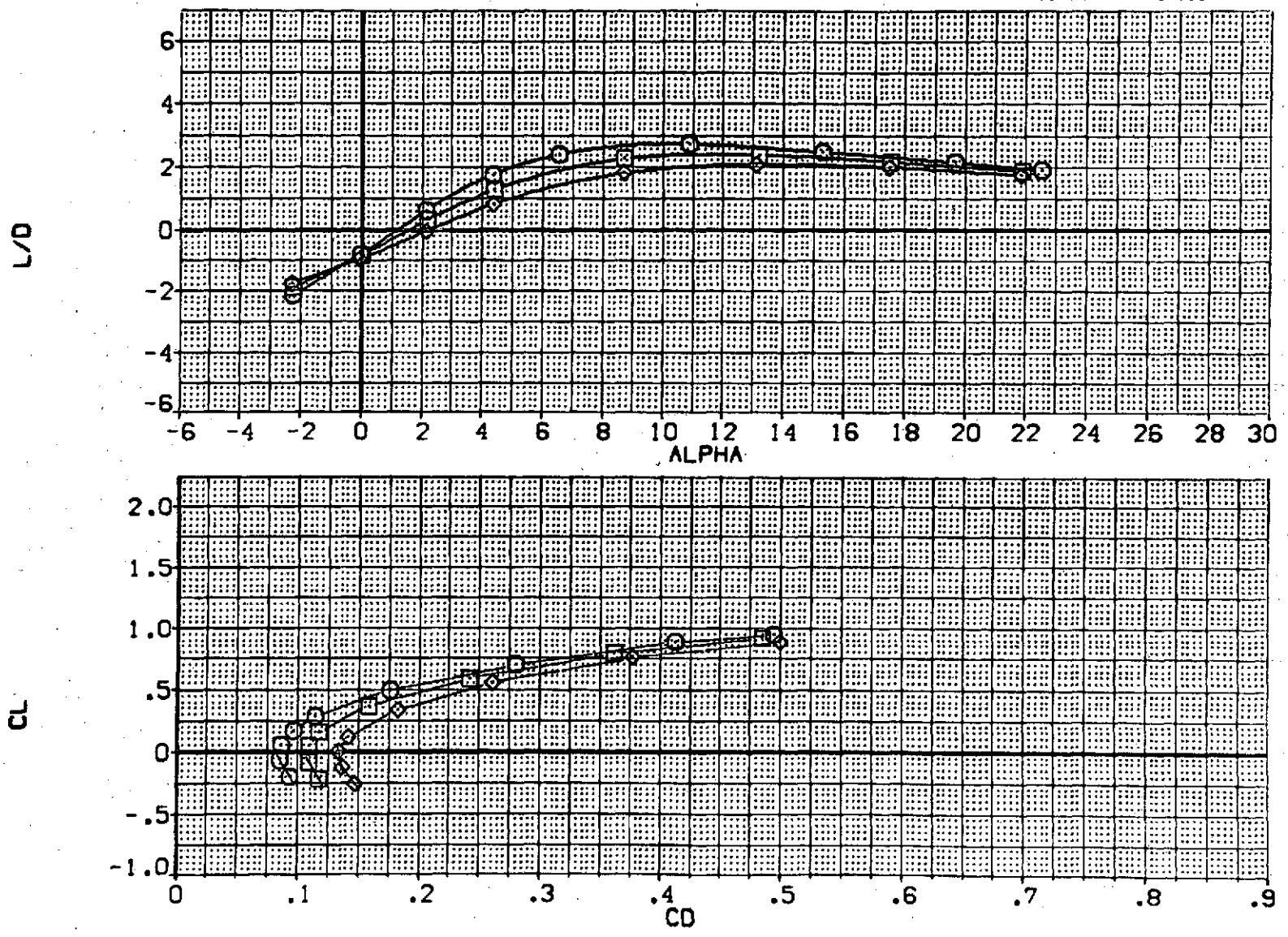
SPEED BRAKE EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9FBM(GN28)(V)(6E43)(VBR5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9FBM(GN28)(V)(6E43)(VBR5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9FBM(GN28)(V)(6E43)(VBR5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



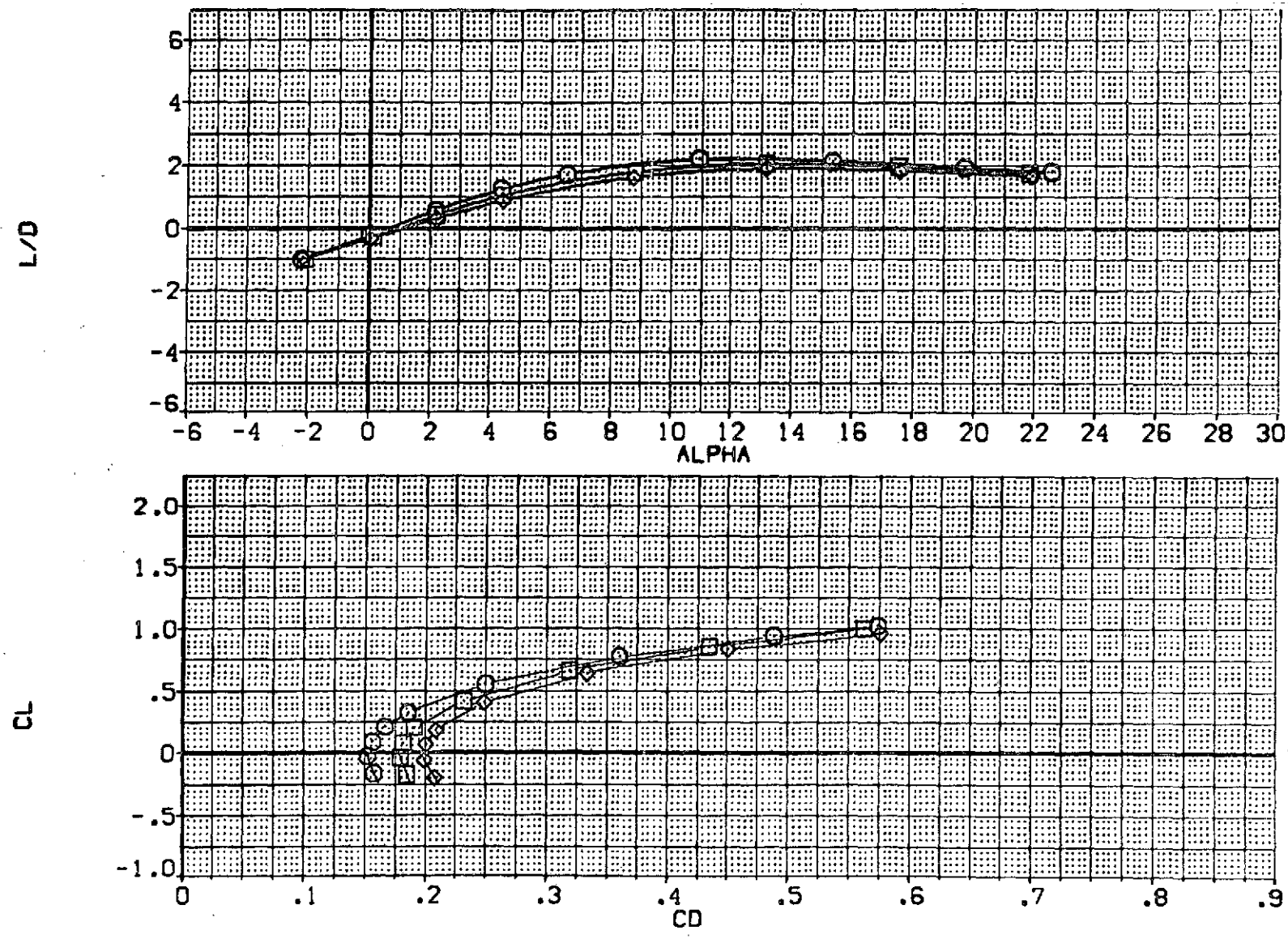
SPEED BRAKE EFFECTIVENESS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOSRK	RUDDER
(DHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	25.000	.000
(DHU003)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	55.000	.000
(DHU004)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)(6E43)(V8R5)	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



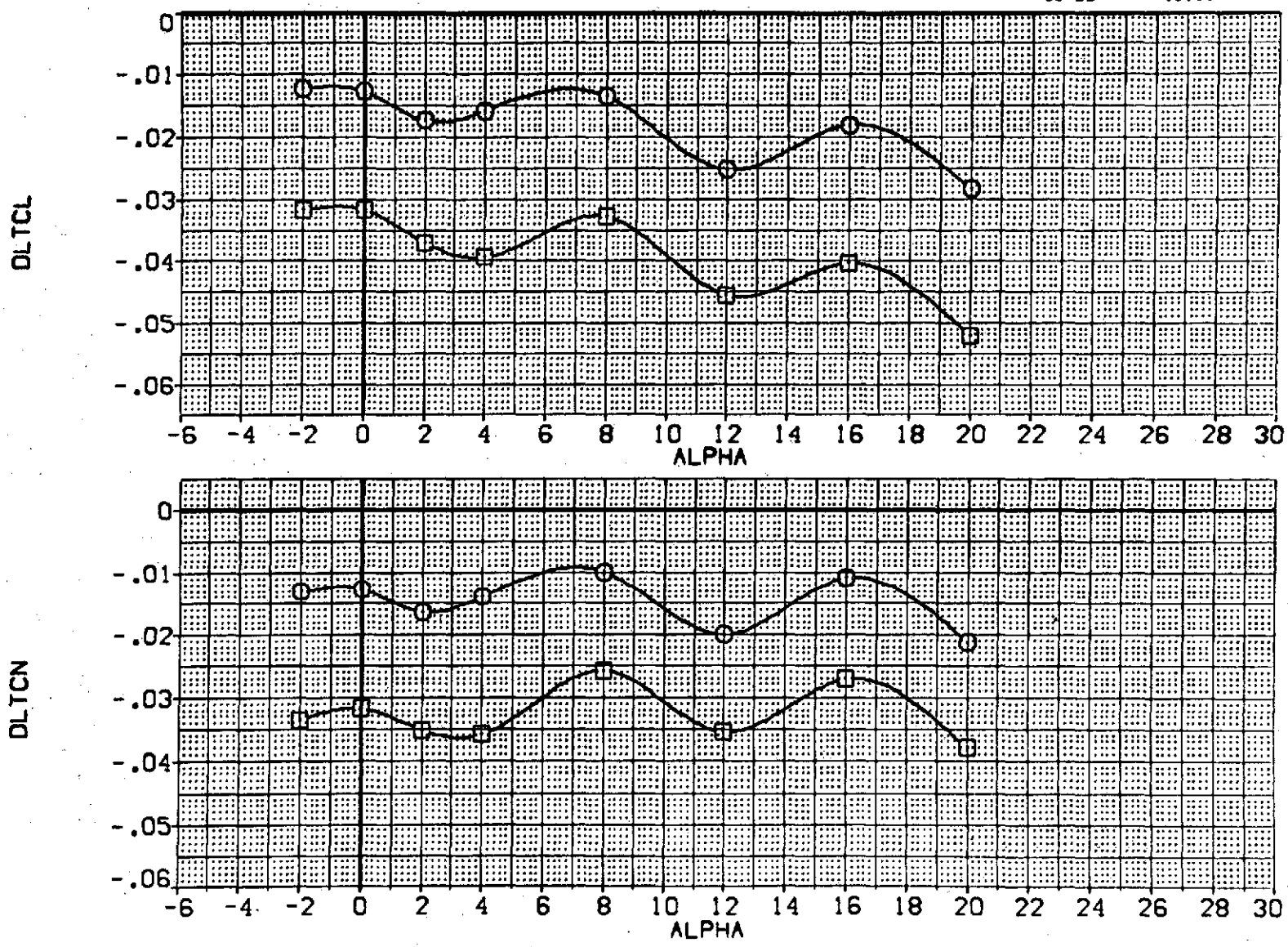
SPEED BRAKE EFFECTIVENESS

(D)MACH = 1.20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	○	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	30.000	.000
(EHU004)	□	LARC8-686(0A-116) (B26C9FBM16N20)(V116E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



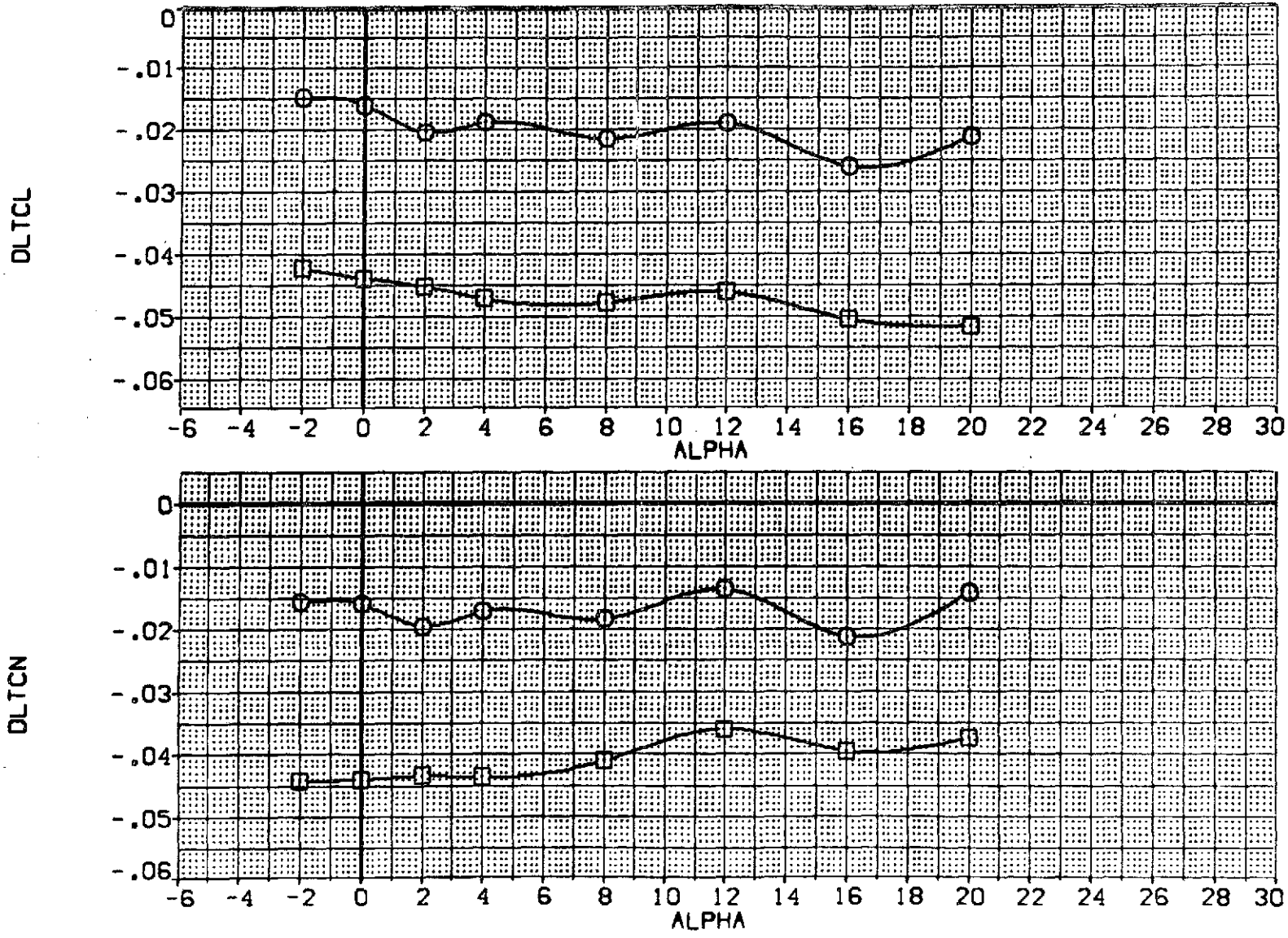
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003) ○	LARCB-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	30.000	.000
(EHU004) □	LARCB-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



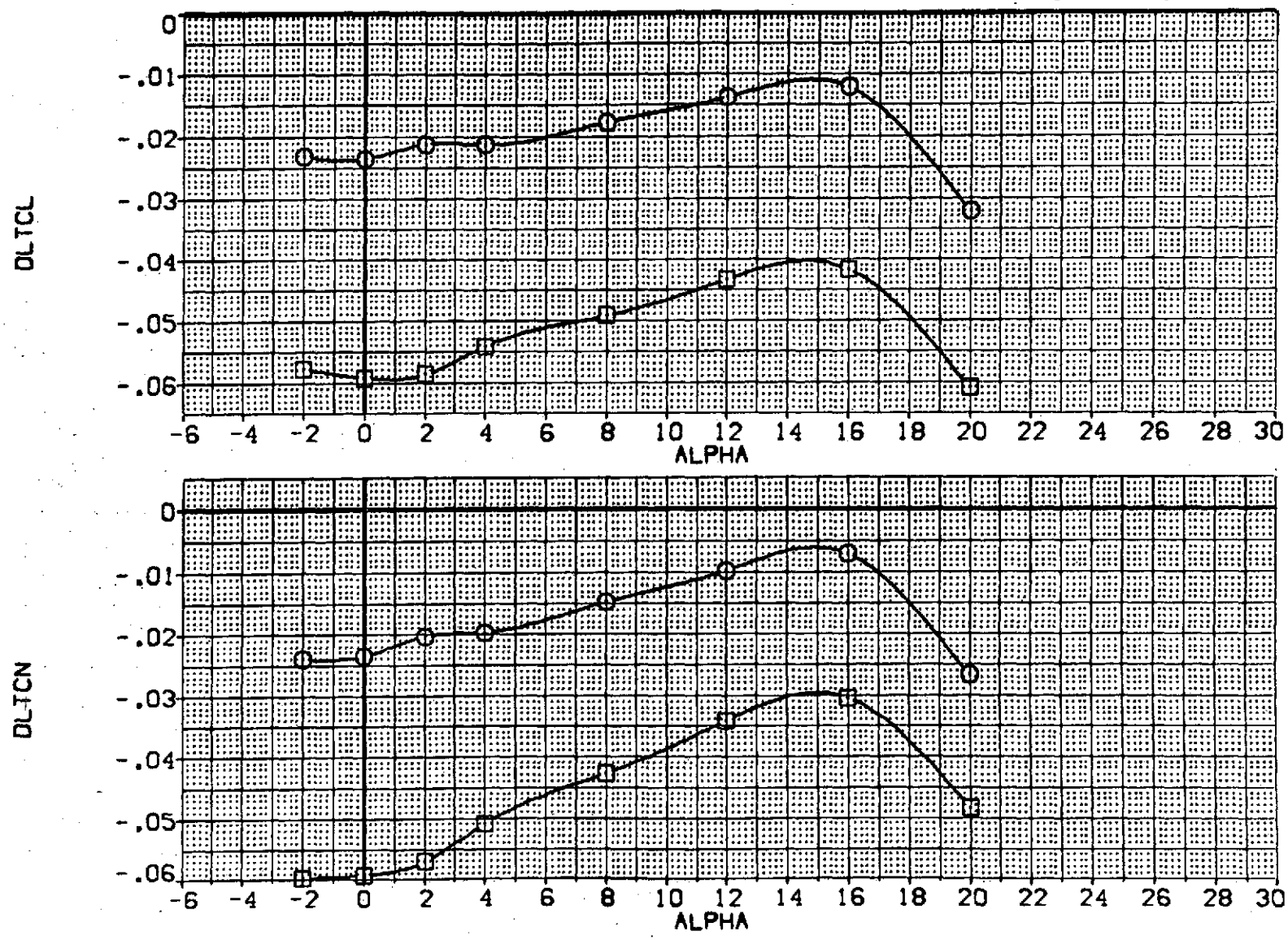
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(B)MACH = .60

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHJ003)	8	LARC8-686(0A-116) (826C9F8M16N20)(V116E43)(V8R5)	30.000	.000
(EHJ004)	□	LARC8-686(0A-116) (826C9F8M16N20)(V116E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



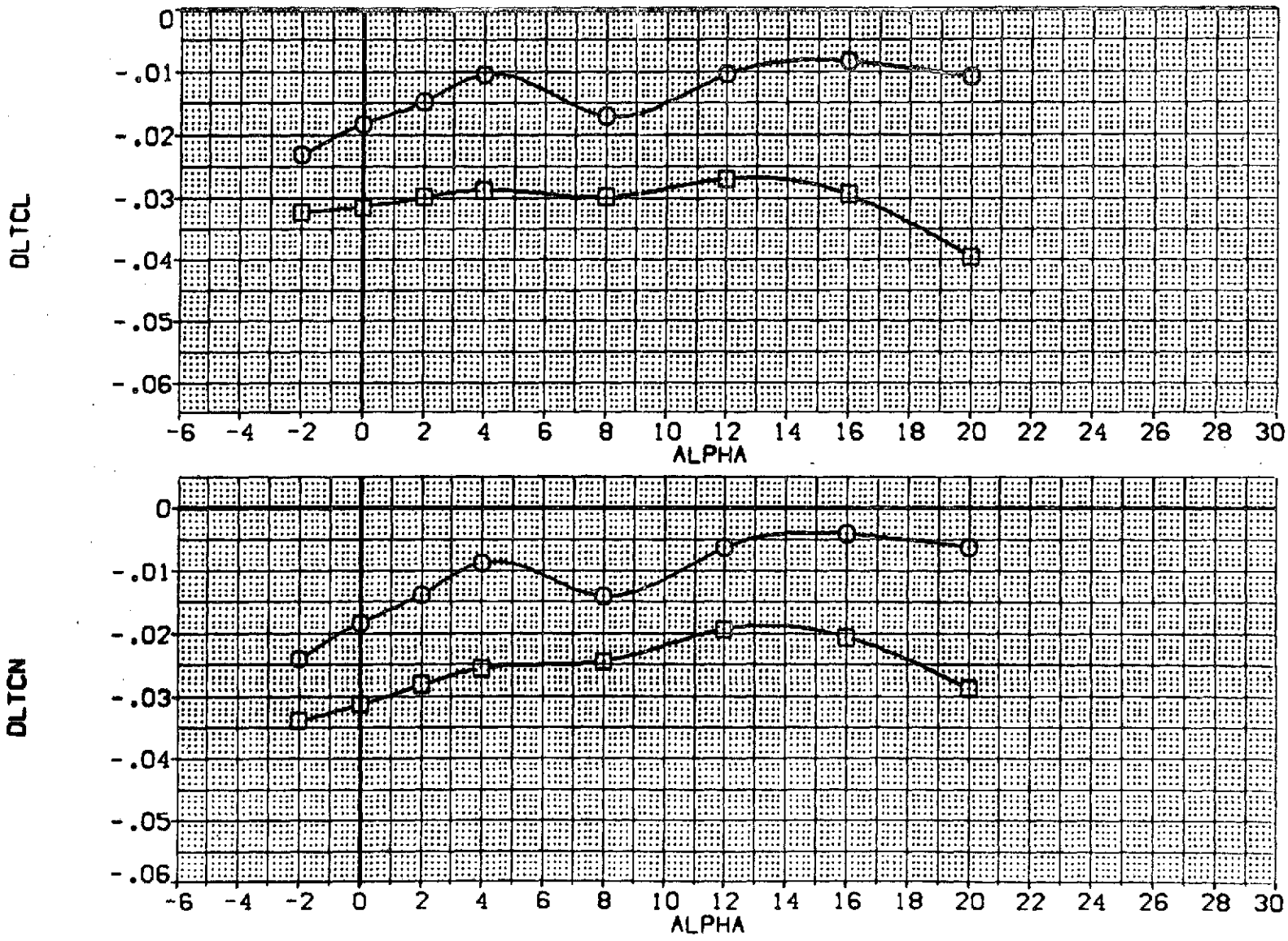
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	LARC8-G86(0A-116) (826C9F8M16N28)(W)(6E43)(V6R5)	30.000	.000
(EHU004)	LARC8-G86(0A-116) (826C9F8M16N28)(W)(6E43)(V6R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



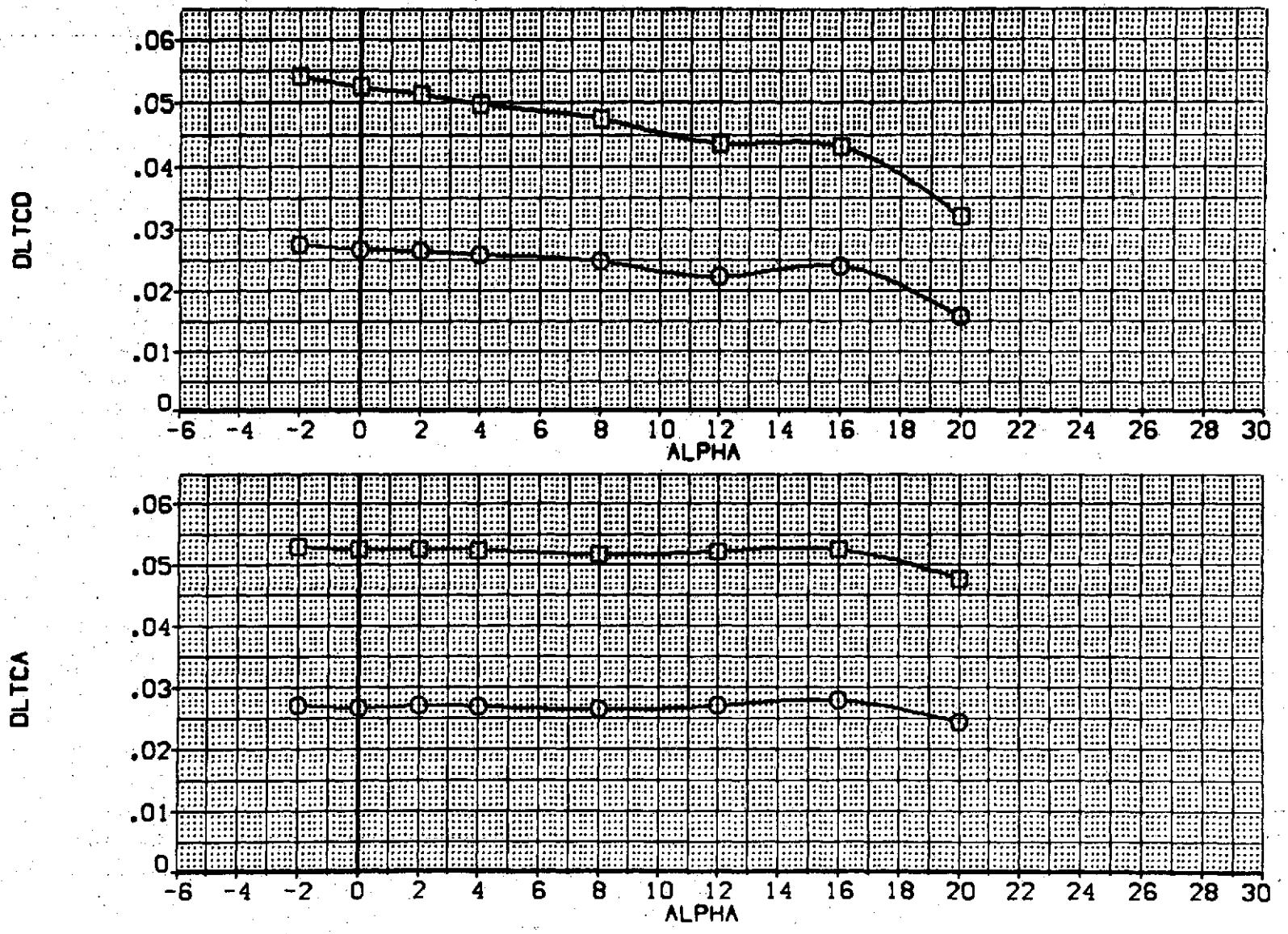
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)		LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	30.000	.000
(EHU004)		LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



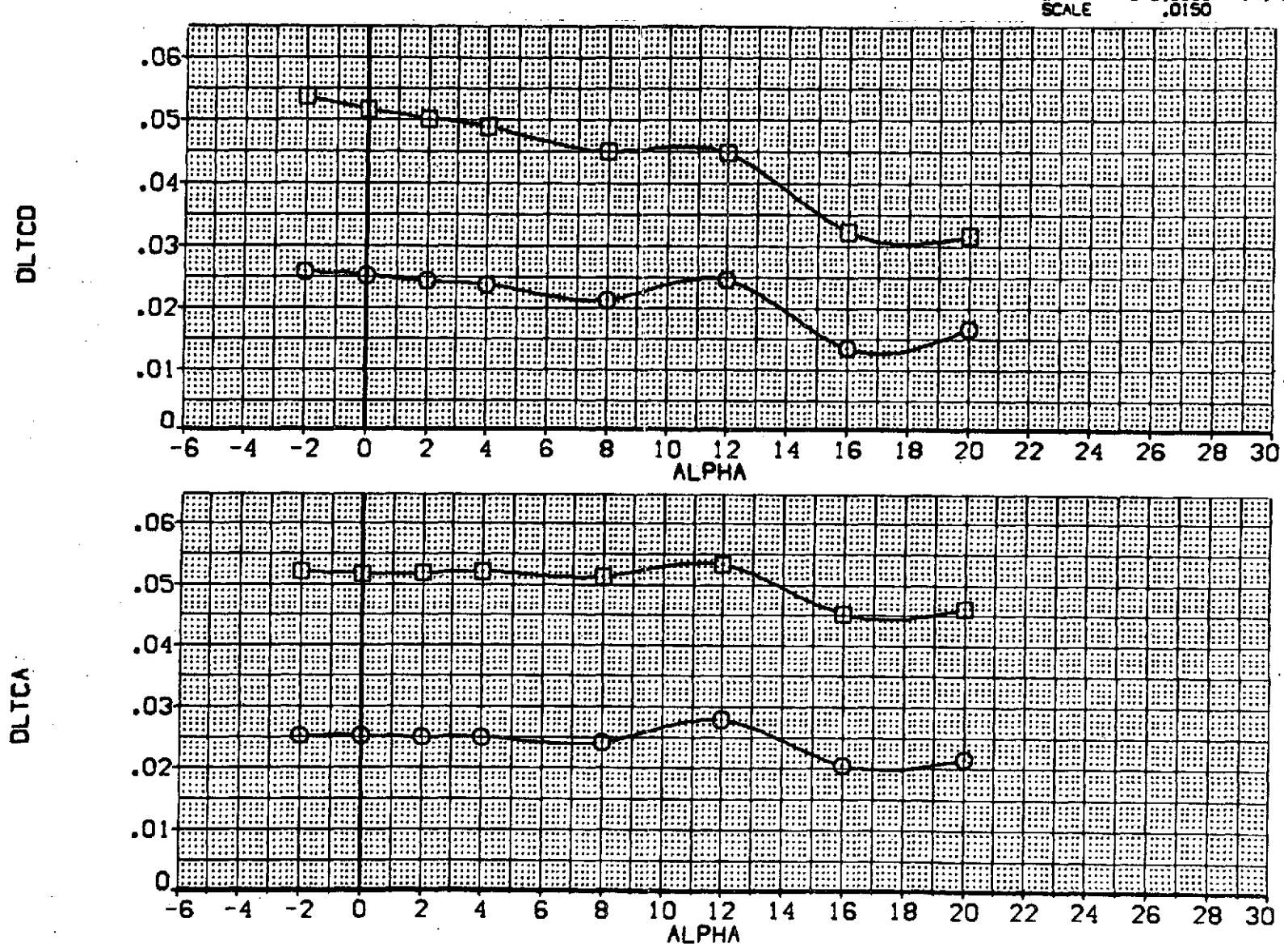
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	○	LARCB-686(DA-116) (B26C9FBM1BN26)(V)(6E43)(VBR5)	30.000	.000
(EHU004)	□	LARCB-686(DA-116) (B26C9FBM1BN26)(V)(6E43)(VBR5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



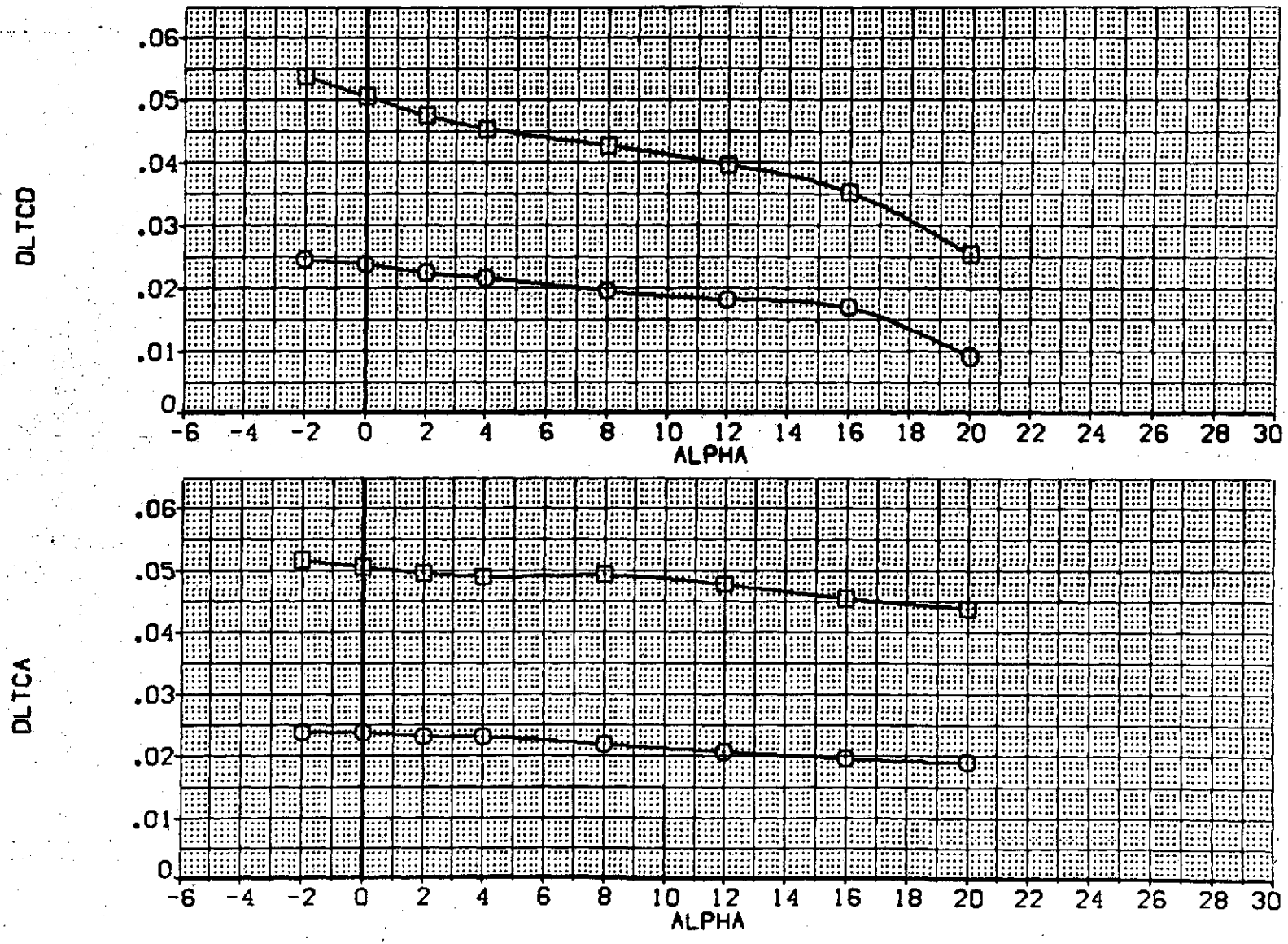
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	⊗	LARC8-686(0A-116) (B26C9FBM1GN20)(V116E43)(VBR5)	30.000	.000
(EHU004)	⊡	LARC8-686(0A-116) (B26C9FBM1GN20)(V116E43)(VBR5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



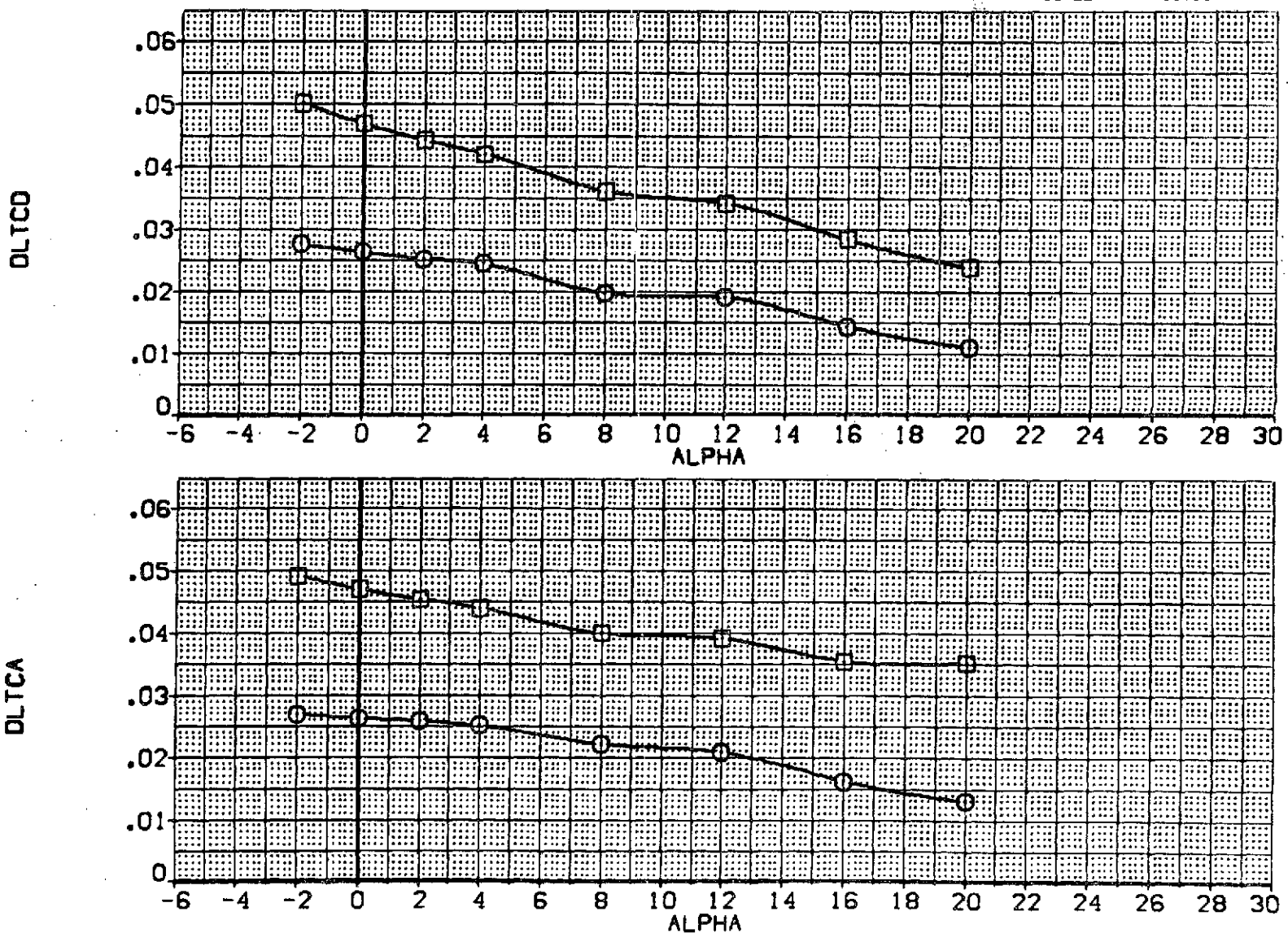
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	LARC8-686(0A-116) (826C9FBM1GN28)(V)(6E43)(V8R5)	30.000	.000
(EHU004)	LARC8-686(0A-116) (826C9FBM1GN28)(V)(6E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2680.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.5817	INCHES
XMRP	1076.6800	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	



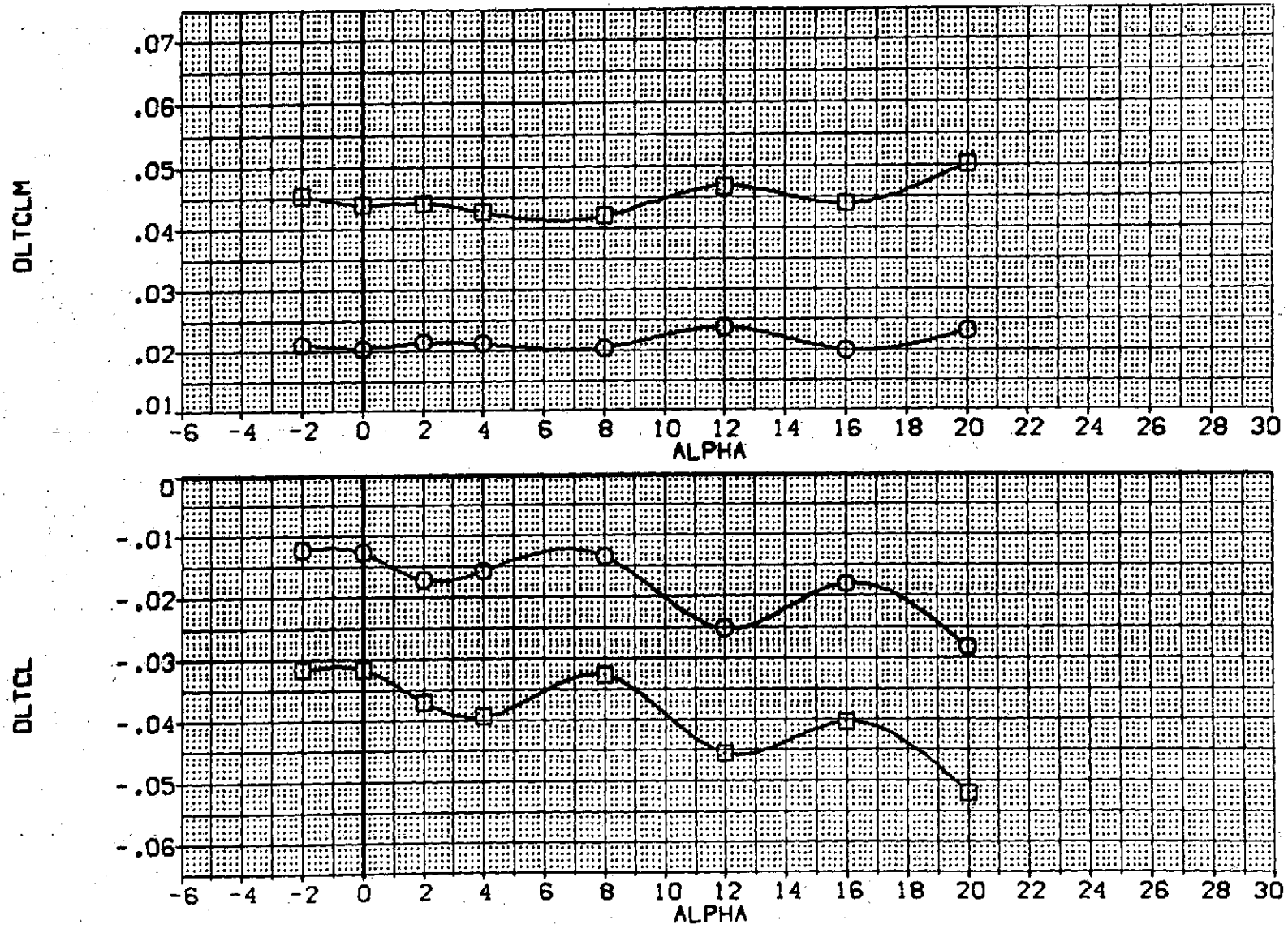
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHL003)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V116E42)(V8R5)	30.000	.000
(EHL004)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(V8R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



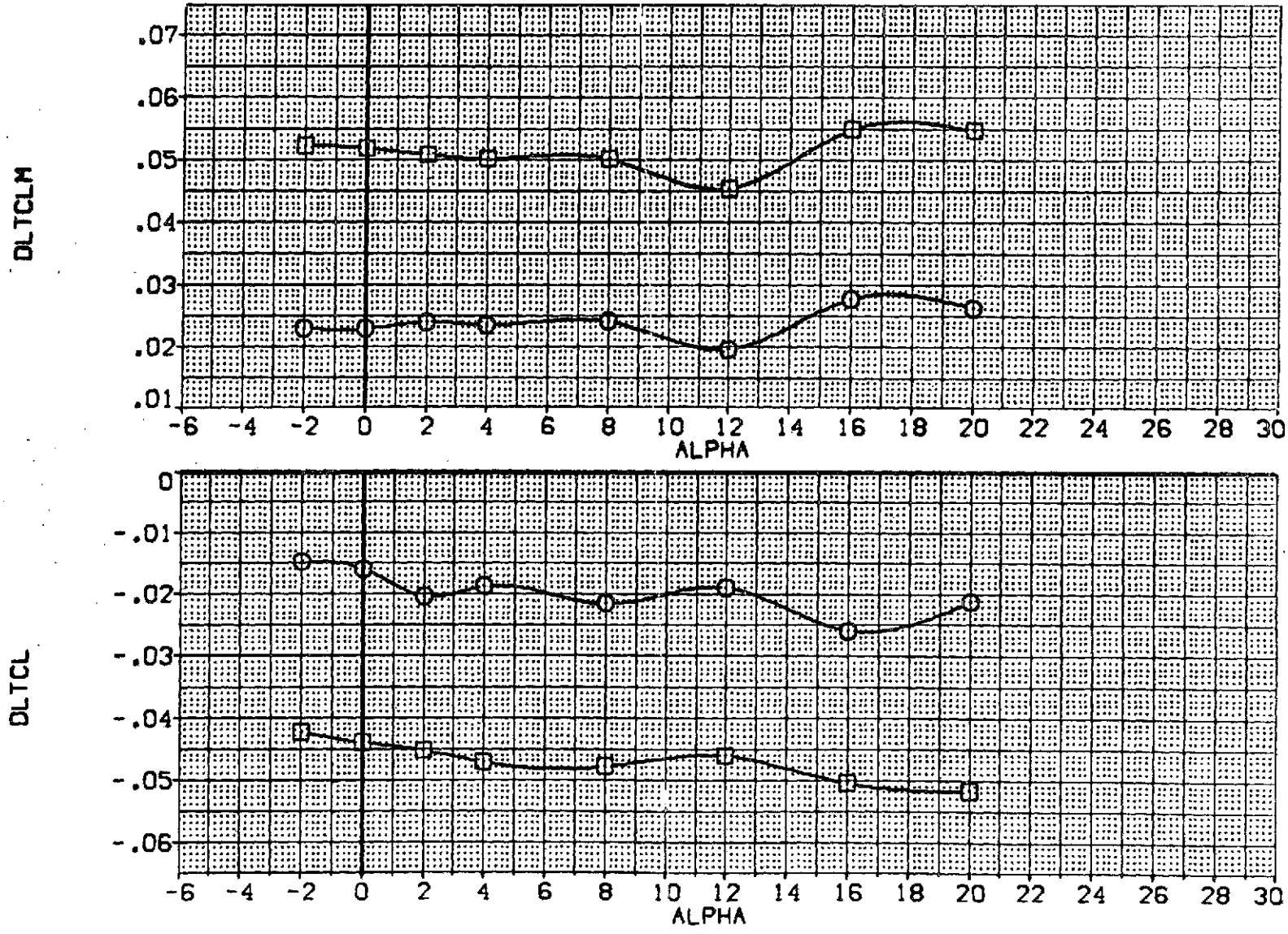
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(A)MACH = .35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(VBR5)	30.000	.000
(EHU004)	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(VBR5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	



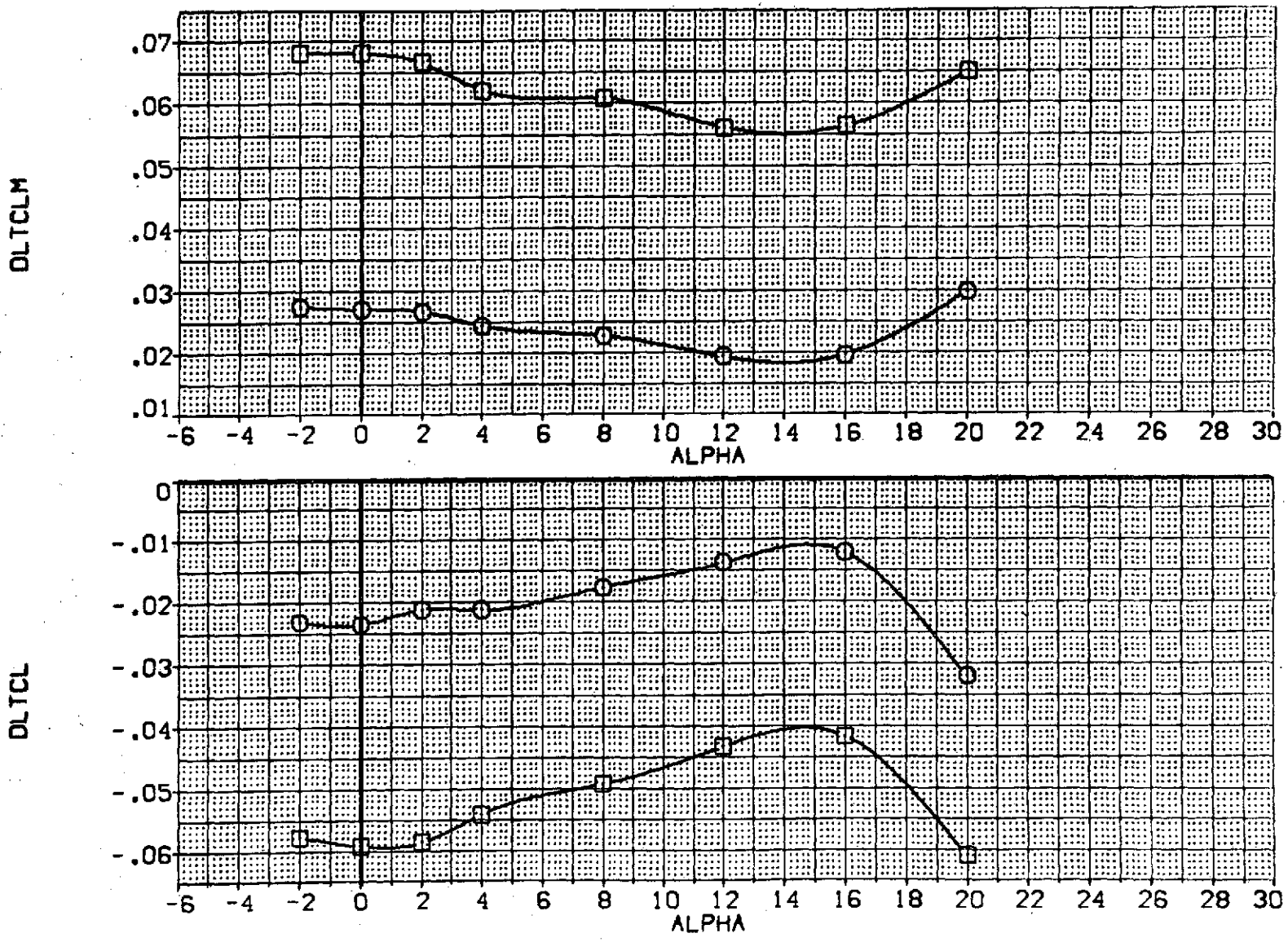
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	○	LARC8-686(0A-116) (B26C9FBM1GN20)(W11BE43)(VBR5)	30.000	.000
(EHU004)	□	LARC8-686(0A-116) (B26C9FBM1GN20)(W11BE43)(VBR5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



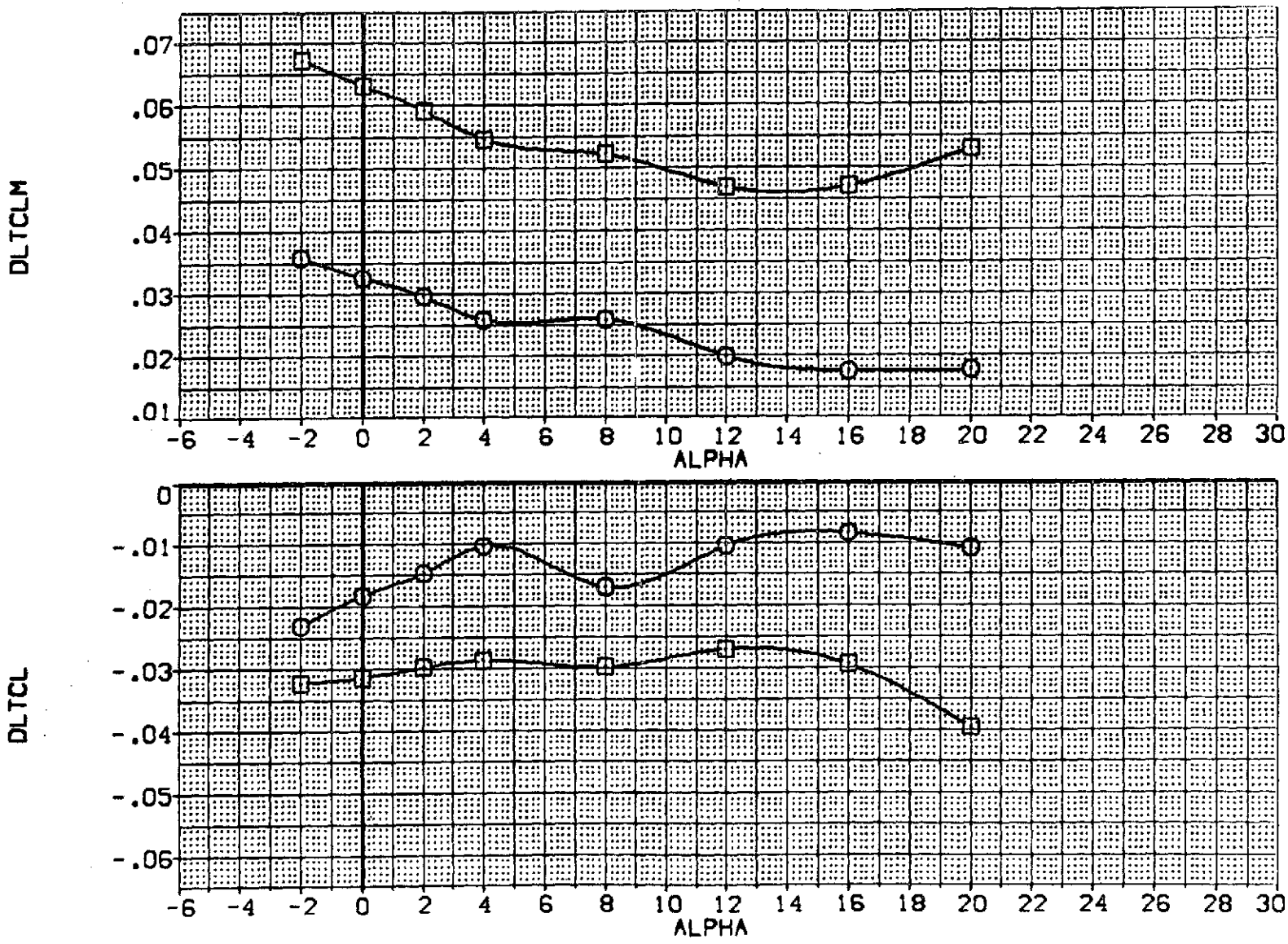
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLSPBK	RUDDER
(EHU003)	LARC8-686(0A-116) (B26C9F8M1GN20)(V11GE43)(V6R5)	30.000	.000
(EHU004)	LARC8-686(0A-116) (B26C9F8M1GN20)(V11GE43)(V6R5)	60.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



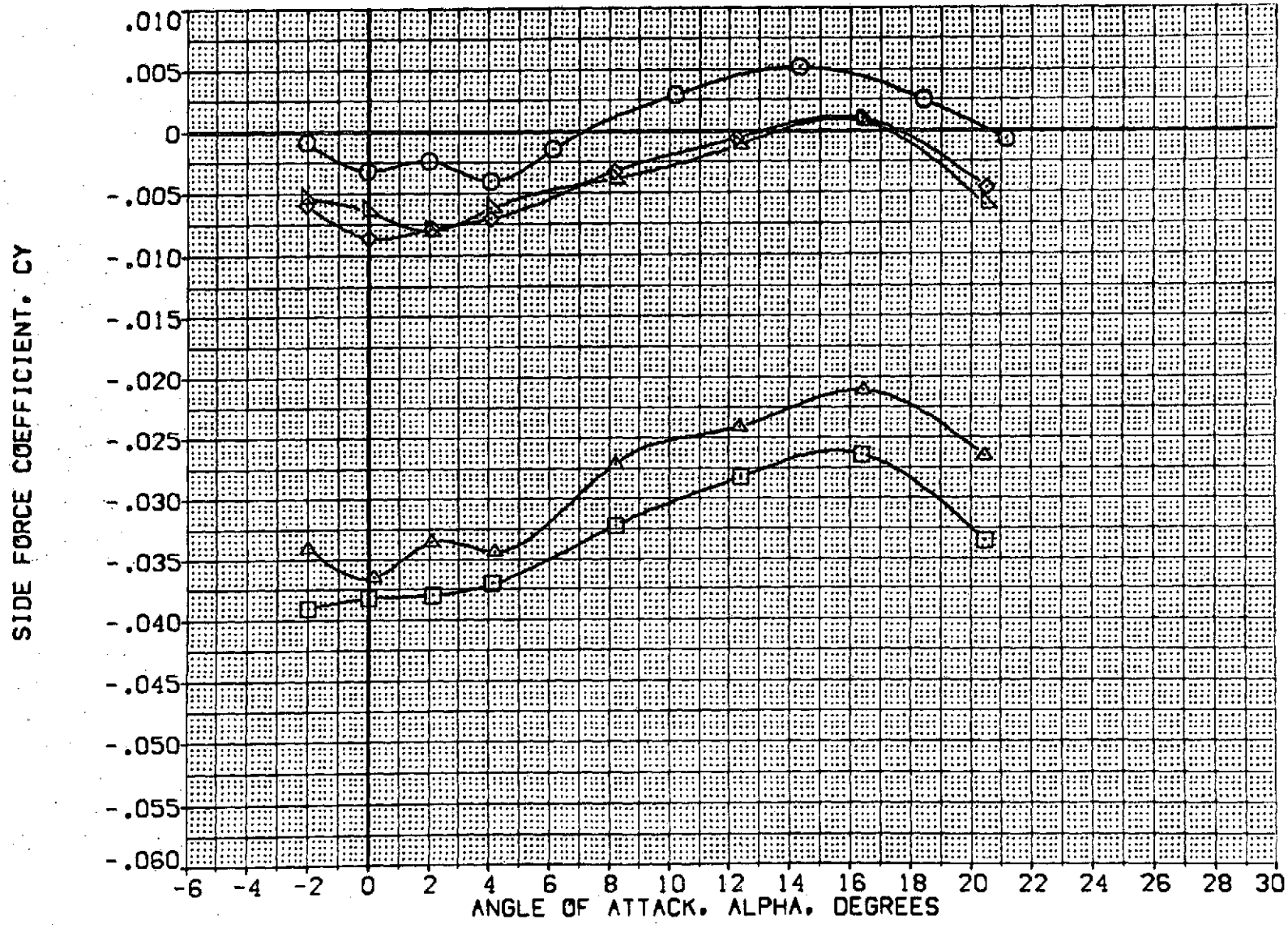
INCREMENTAL EFFECTS DUE TO SPEED BRAKE DEFLECTIONS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(RHU005)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(RHU006)	⊠	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	-10.000
(RHU004)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	85.000	.000
(RHU007)	▽	DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	

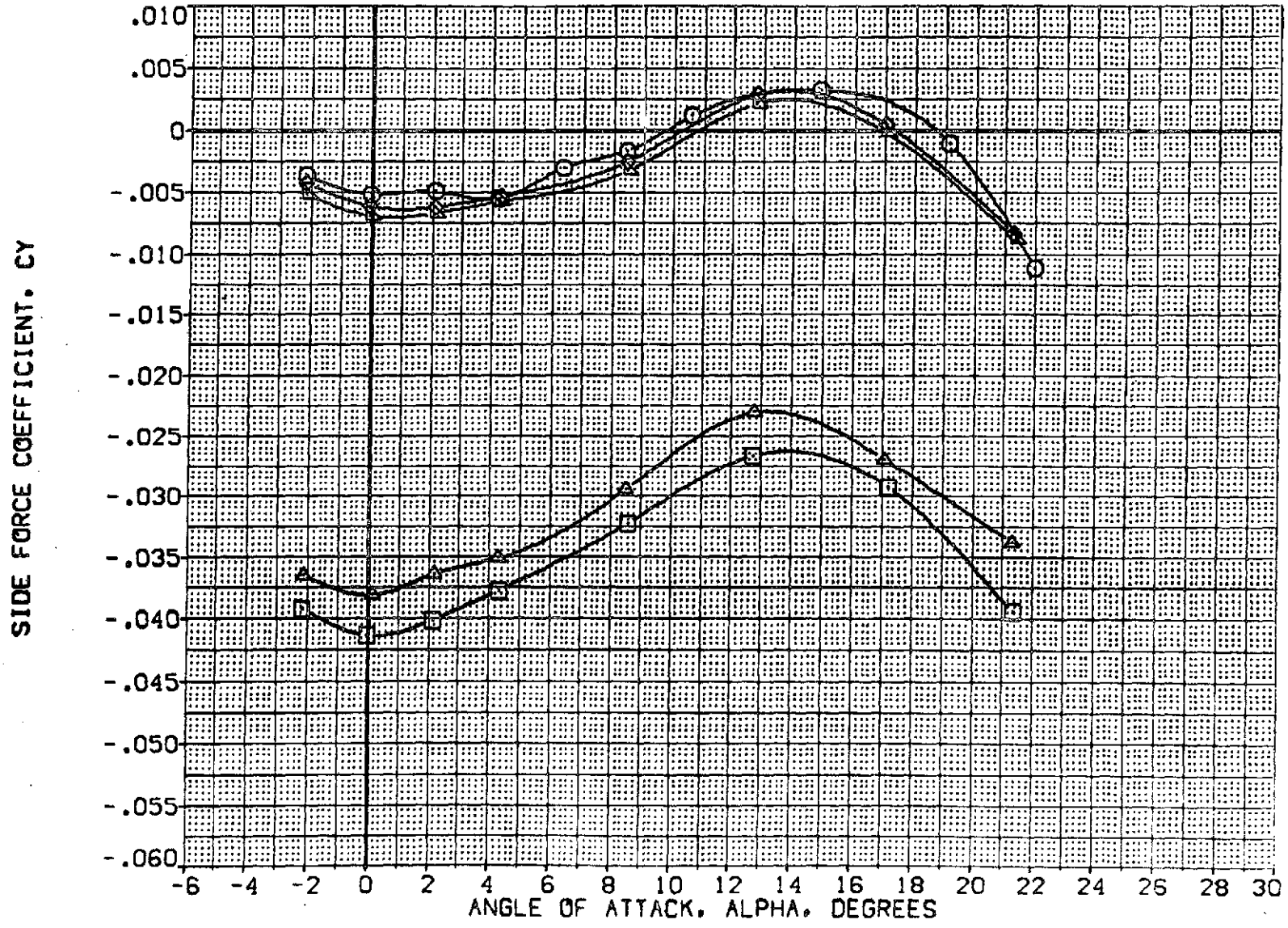


RUDDER EFFECTIVENESS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOSRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	25.000	-10.000
(RHU003)	△	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(RHU006)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	55.000	-10.000
(RHU004)	▽	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	85.000	.000
(RHU007)	▷	DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6600	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



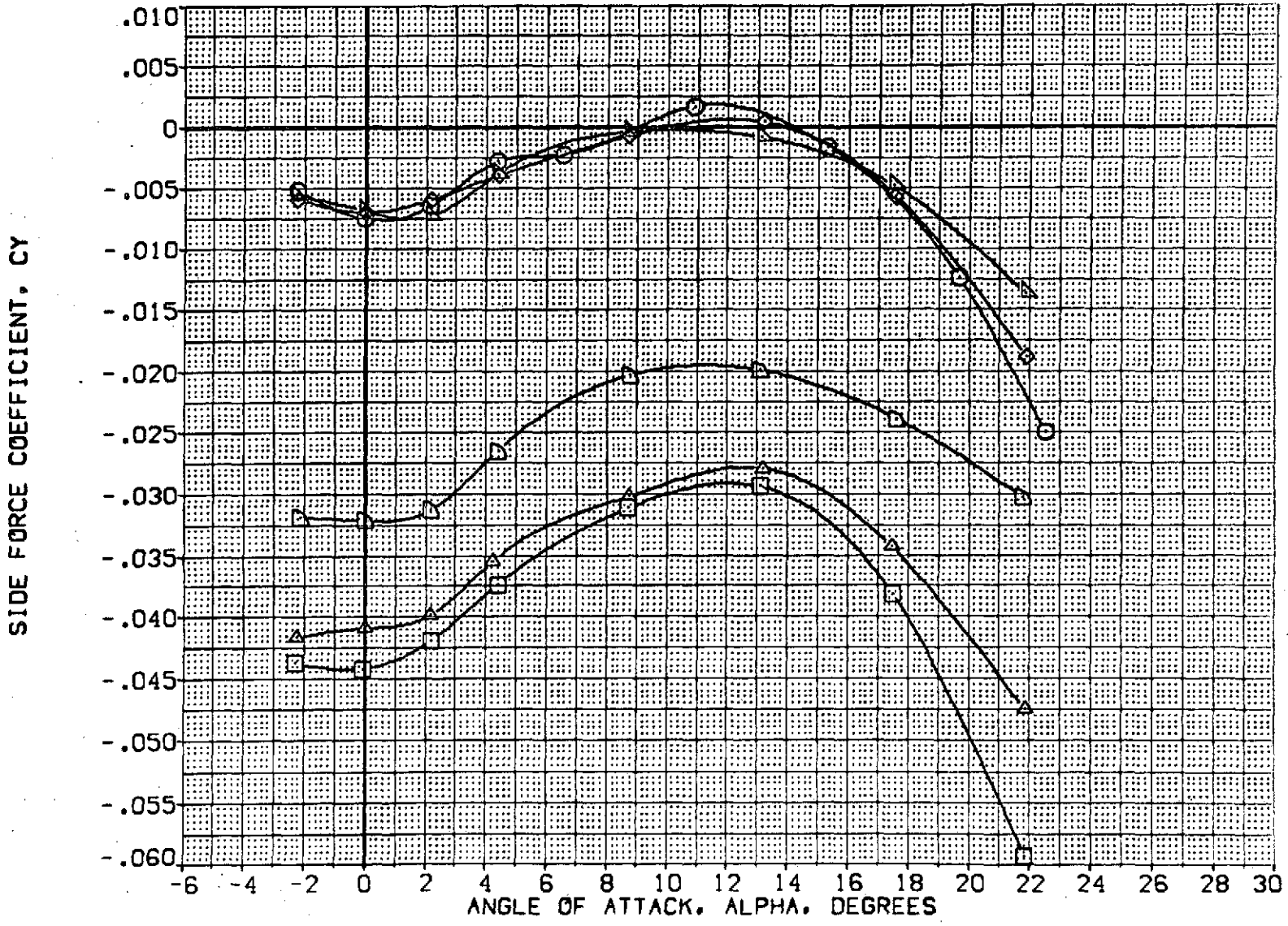
RUDDER EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	25.000	.000
(RHU005)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	25.000	-10.000
(RHU003)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	55.000	.000
(RHU006)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	55.000	-10.000
(RHU004)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	85.000	.000
(RHU007)		LARC8-686(0A-116) (826C9F8M16N28)(W)(6E43)(V8R5)	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



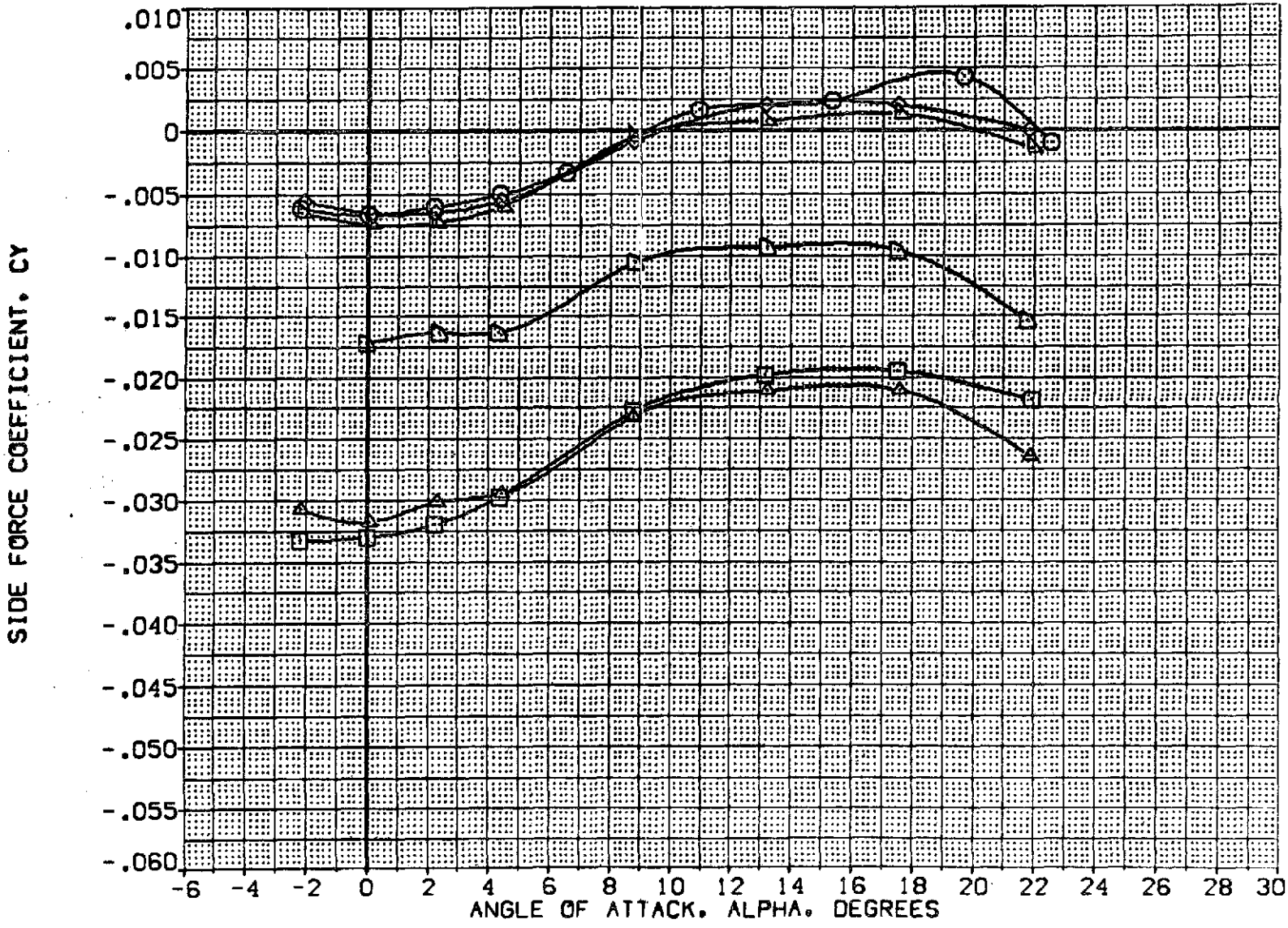
RUDDER EFFECTIVENESS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	55.000	.000
(RHU006)	△	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	55.000	-10.000
(RHU004)	▽	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	85.000	.000
(RHU007)	▷	LARC8-686(0A-116) (826C9F8M16N28)(V116E43)(V8R5)	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
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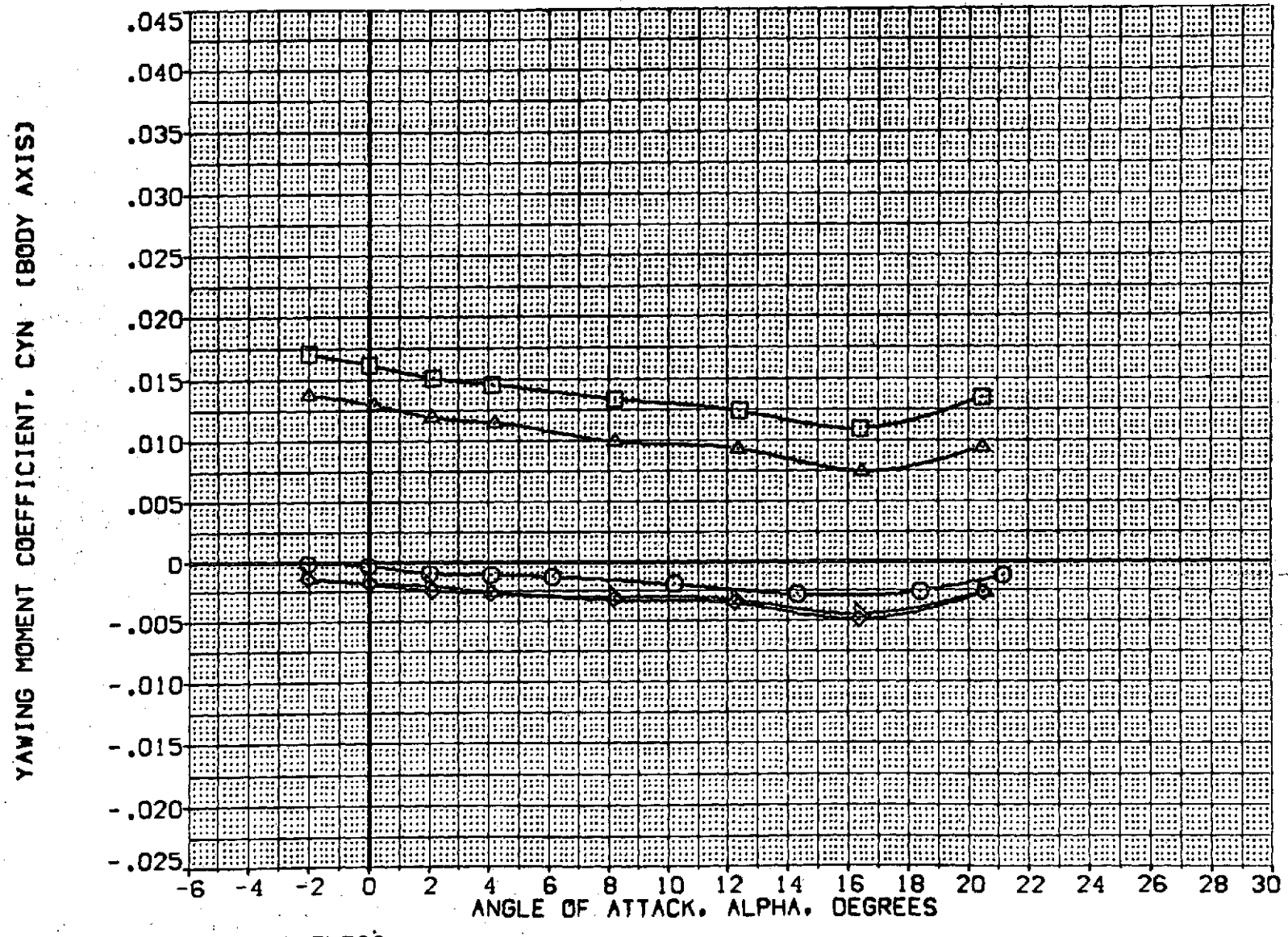


RUDDER EFFECTIVENESS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	RUDDER
(RHU001)	□	LARC8-686(0A-116) (B26C9F8M16N20)(V116E43)(V8R5)	25.000	.000
(RHU005)	▽	LARC8-686(0A-116) (B26C9F8M16N20)(V116E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N20)(V116E43)(V8R5)	55.000	.000
(RHU006)	△	LARC8-686(0A-116) (B26C9F8M16N20)(V116E43)(V8R5)	55.000	-10.000
(RHU004)	○	LARC8-686(0A-116) (B26C9F8M16N20)(V116E43)(V8R5)	85.000	.000
(RHU007)	▷	DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

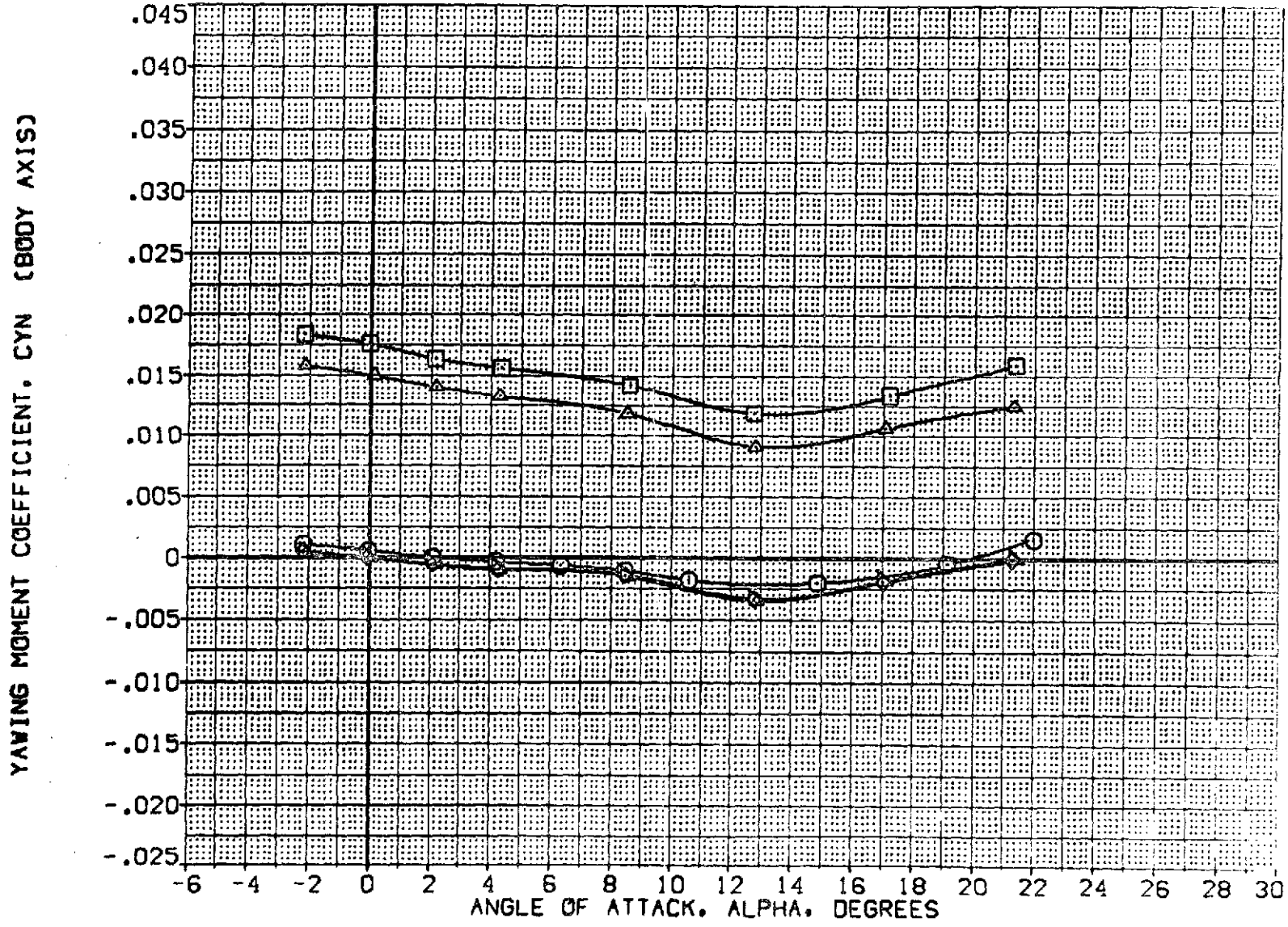


RUDDER EFFECTIVENESS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	25.000	.000
(RHU005)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	55.000	.000
(RHU006)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	55.000	-10.000
(RHU004)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	85.000	.000
(RHU007)	⬠	DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



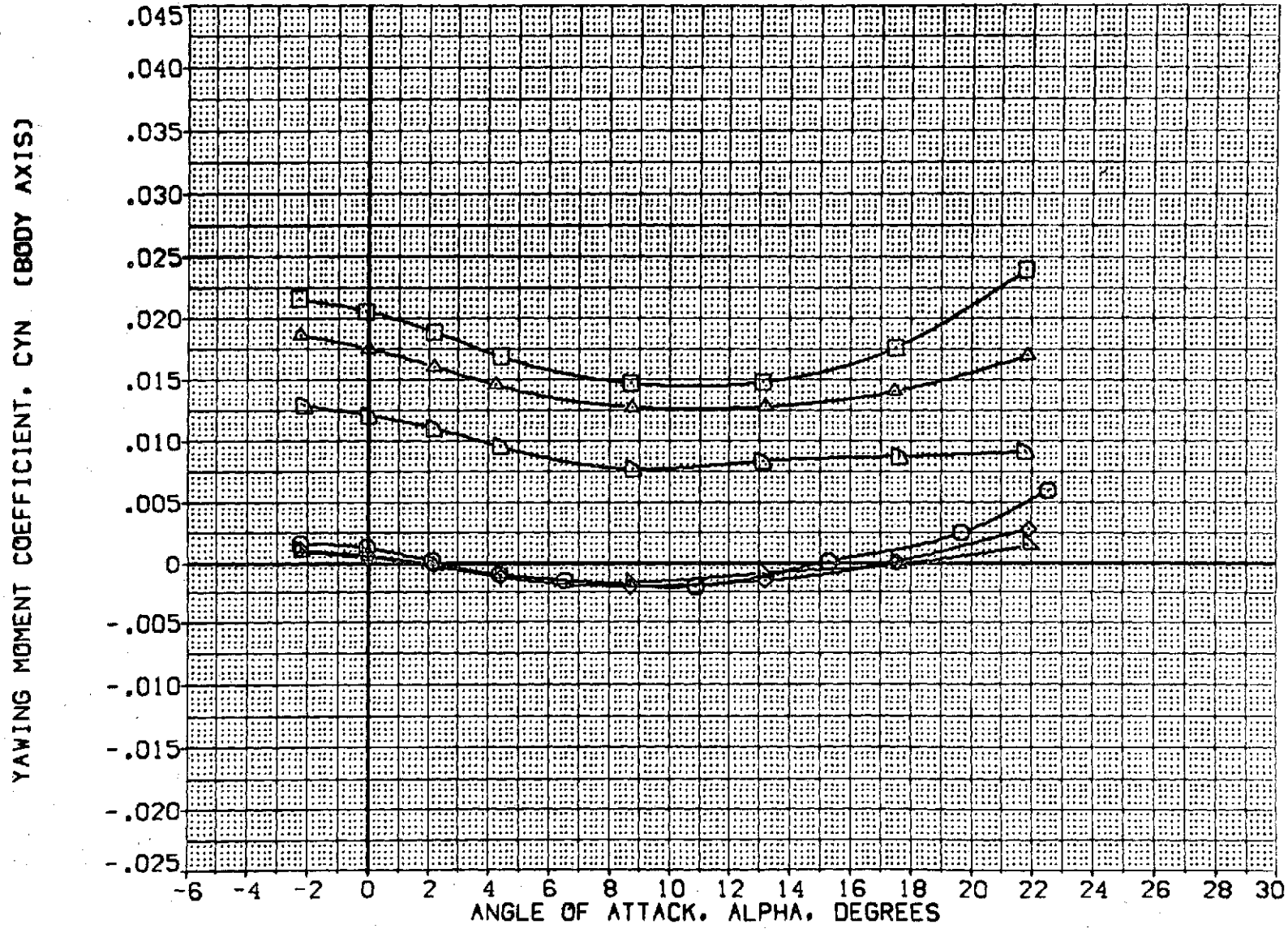
RUDDER EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(RHU005)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	25.000	-10.000
(RHU003)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(RHU006)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	55.000	-10.000
(RHU004)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	85.000	.000
(RHU007)		LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



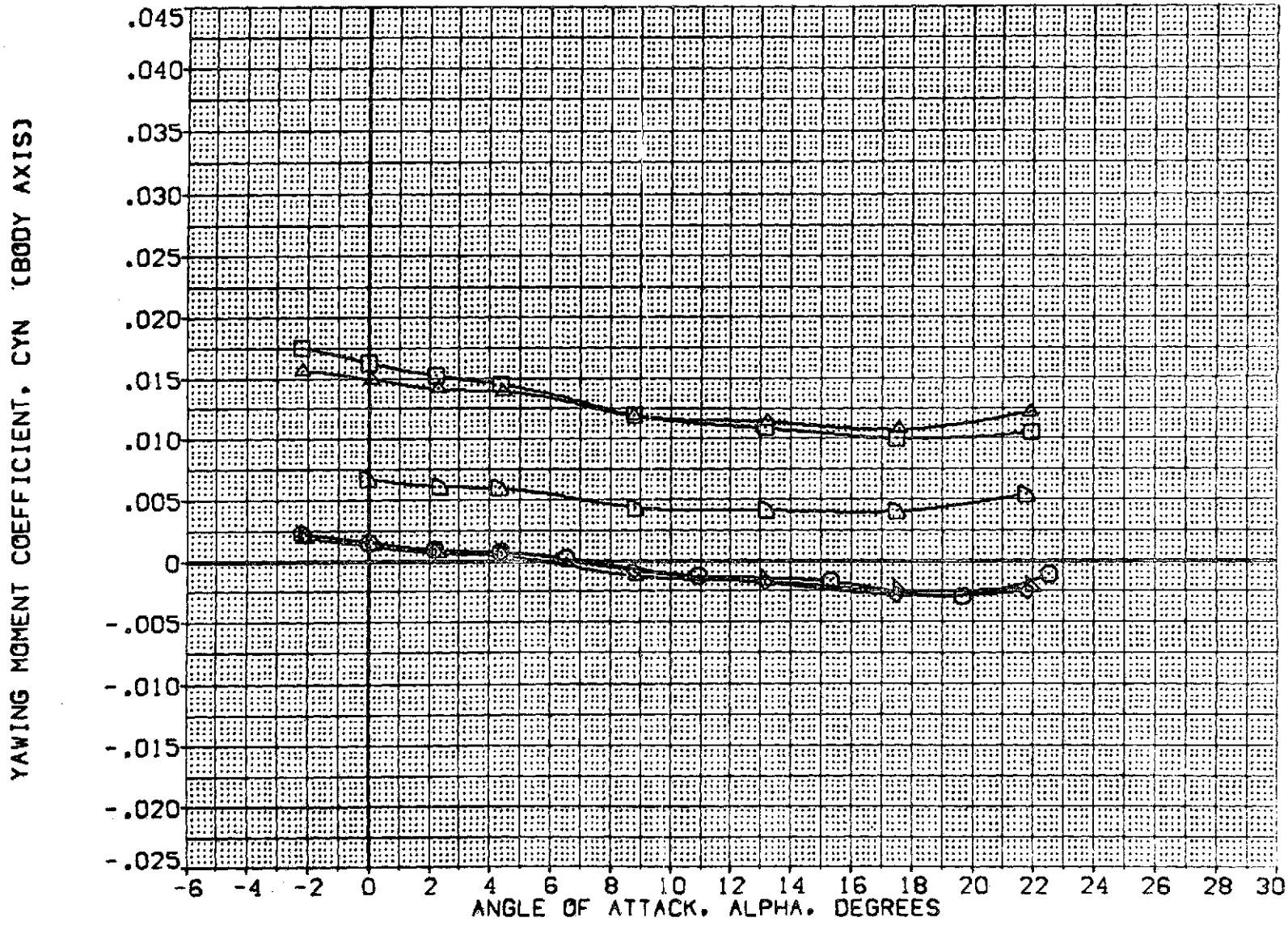
RUDDER EFFECTIVENESS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	55.000	.000
(RHU006)	△	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	55.000	-10.000
(RHU004)	⬠	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	85.000	.000
(RHU007)	⬡	LARC8-686(0A-116) (826C9F8M16N28)(W)16E43)(V8R5)	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



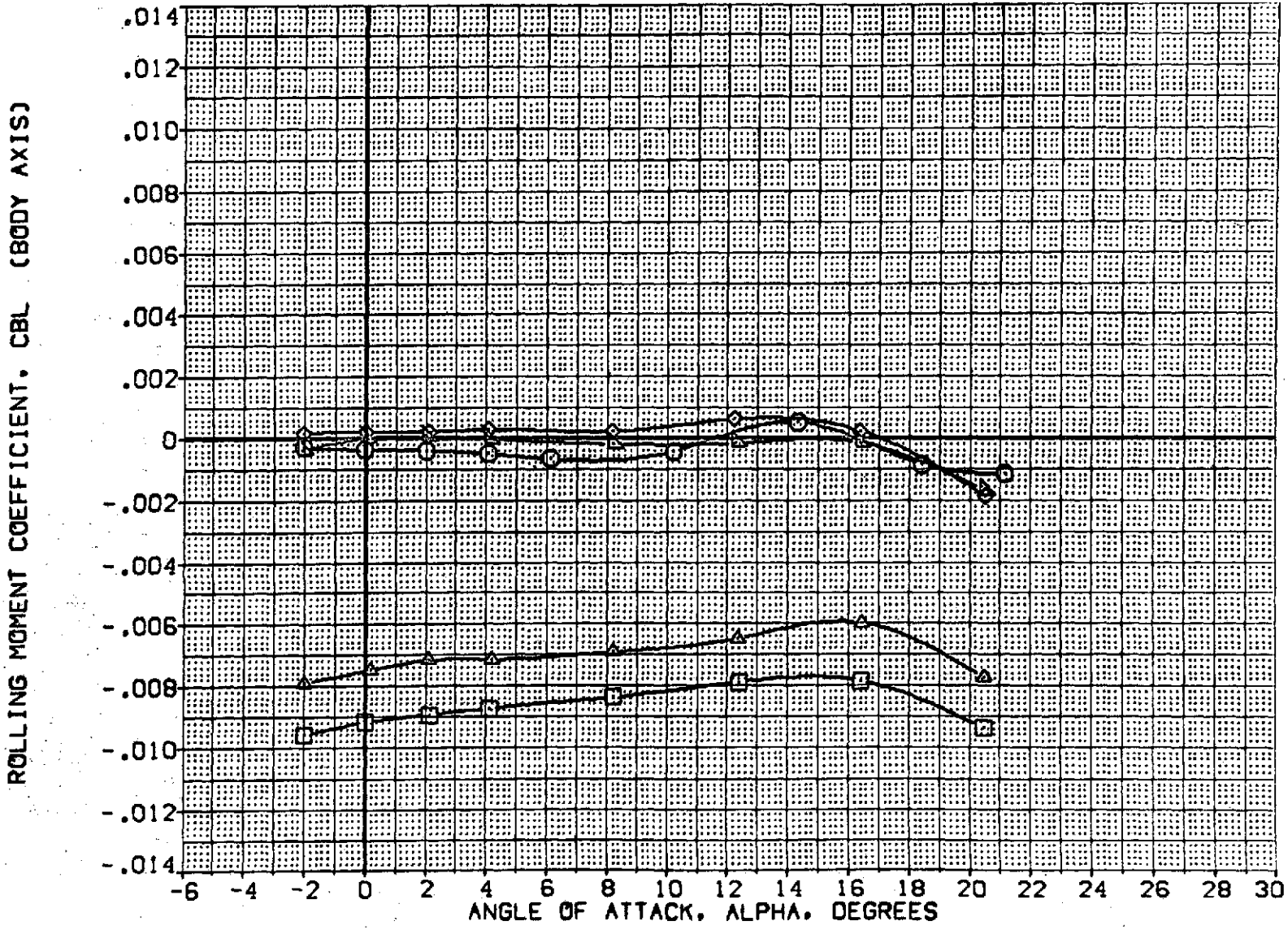
RUDDER EFFECTIVENESS

(D)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	55.000	.000
(RHU006)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	55.000	-10.000
(RHU004)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	85.000	.000
(RHU007)	D	DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



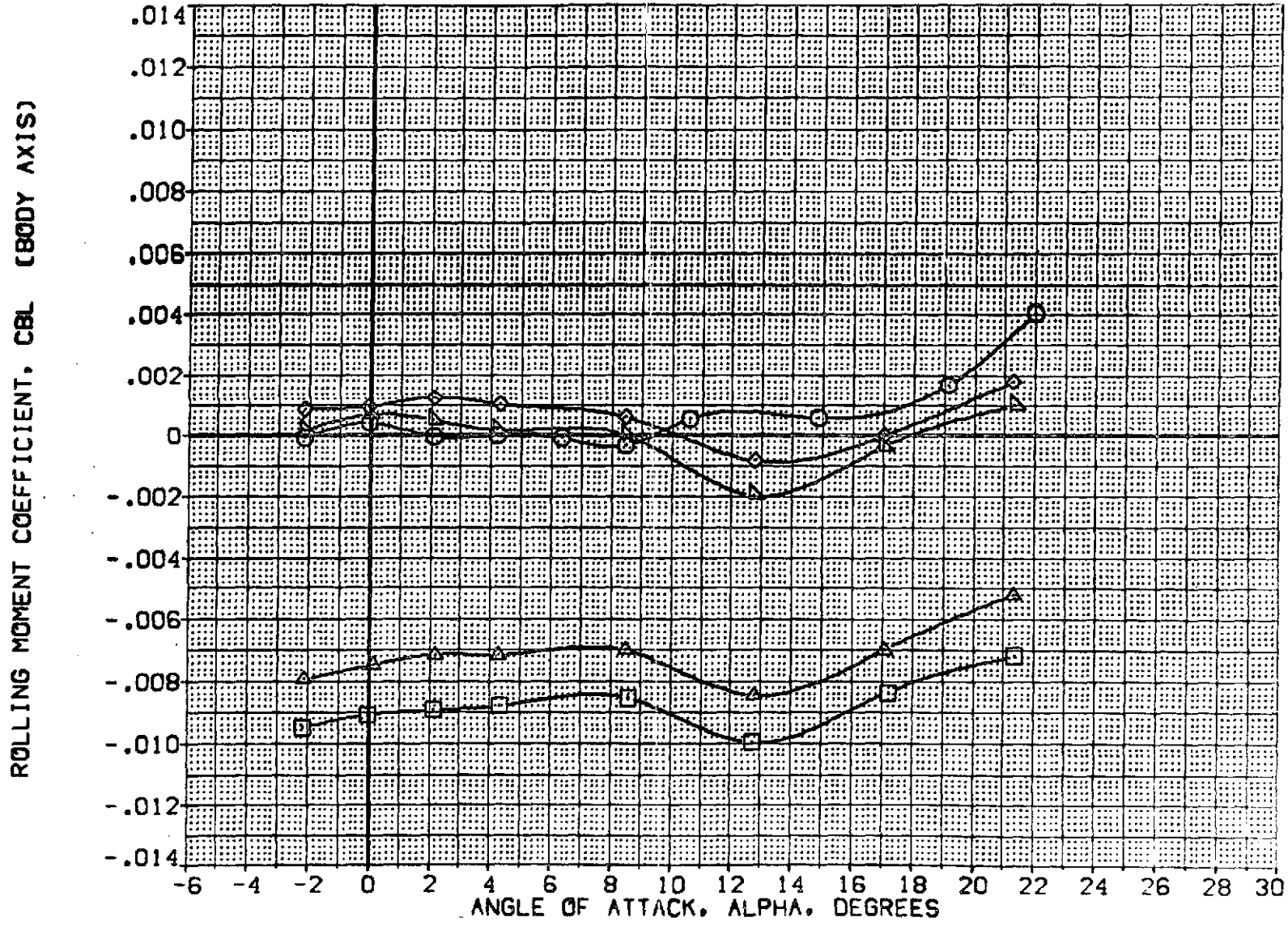
RUDDER EFFECTIVENESS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOIRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(RHU006)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	-10.000
(RHU004)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	85.000	.000
(RHU007)		DATA NOT AVAILABLE	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

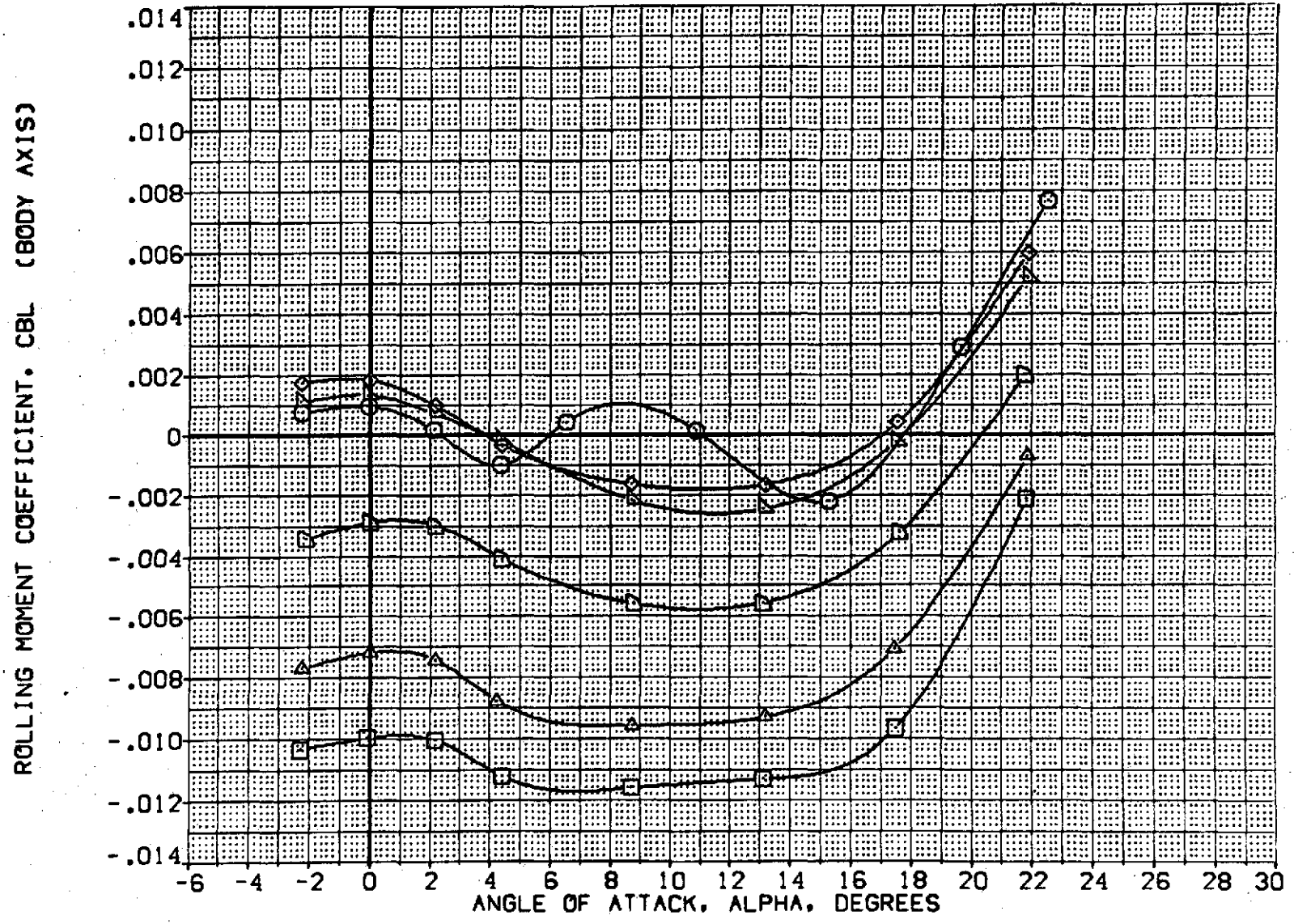


RUDDER EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	.000
(RHU006)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	55.000	-10.000
(RHU004)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	85.000	.000
(RHU007)	▷	LARC8-686(0A-116) (B26C9F8M16N28)(W116E43)(V8R5)	85.000	-10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



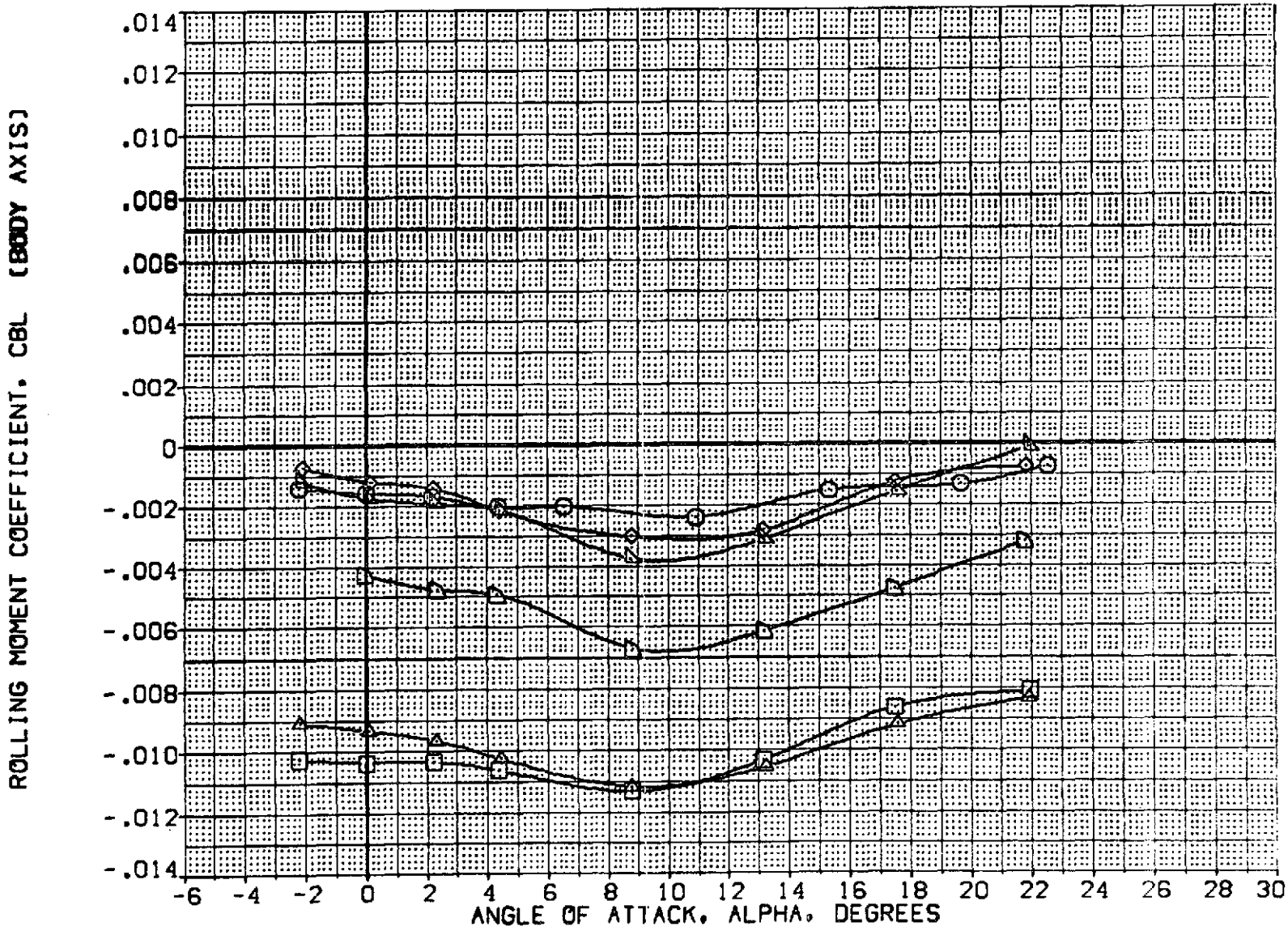
RUDDER EFFECTIVENESS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	RUDDER
(RHU001)	○	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	25.000	.000
(RHU005)	□	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	25.000	-10.000
(RHU003)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	55.000	.000
(RHU006)	▷	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	55.000	-10.000
(RHU004)	△	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	85.000	.000
(RHU007)	▽	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V3R5)	85.000	-10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



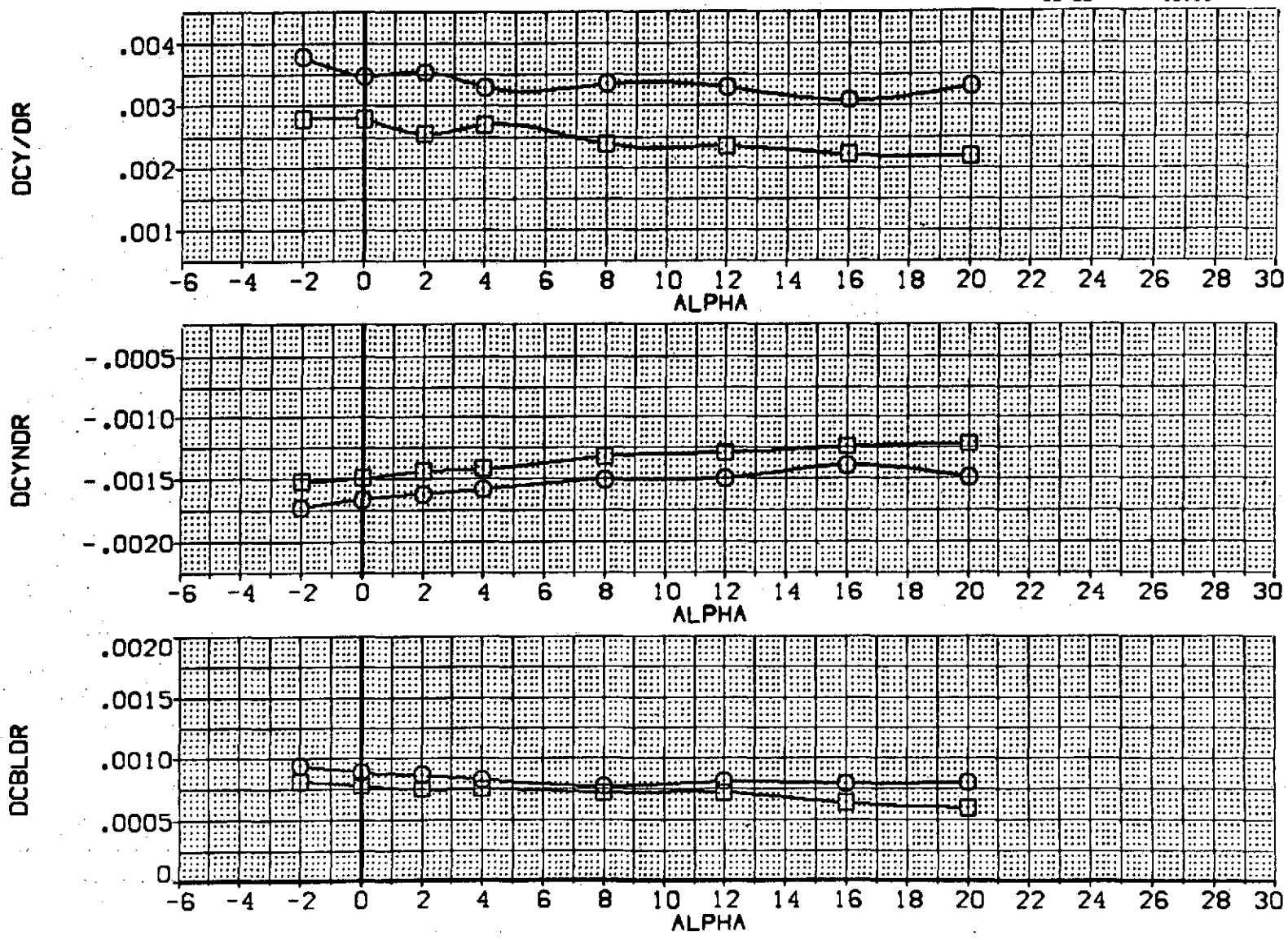
RUDDER EFFECTIVENESS

(D)MACH = 1.20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	SPOBRK
(FHU005)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V11GE43)(V8R5)	25.000
(FHU006)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V11GE43)(V8R5)	55.000
(FHU007)	◇	DATA NOT AVAILABLE	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



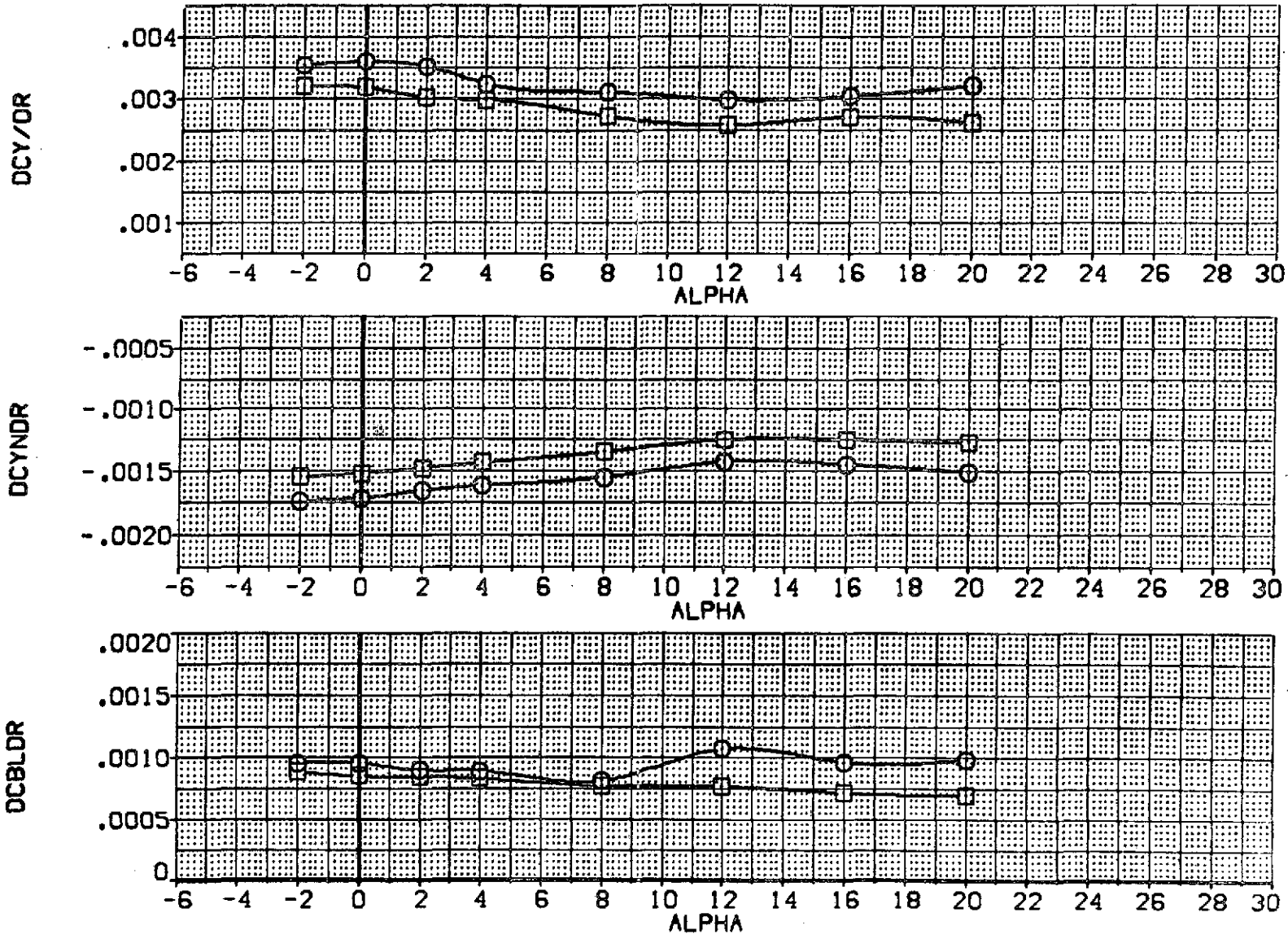
RUDDER EFFECTIVENESS

(A)MACH = .35

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK
(FHU005)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	25.000
(FHU006)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(V8R5)	55.000
(FHU007)	◇	DATA NOT AVAILABLE	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



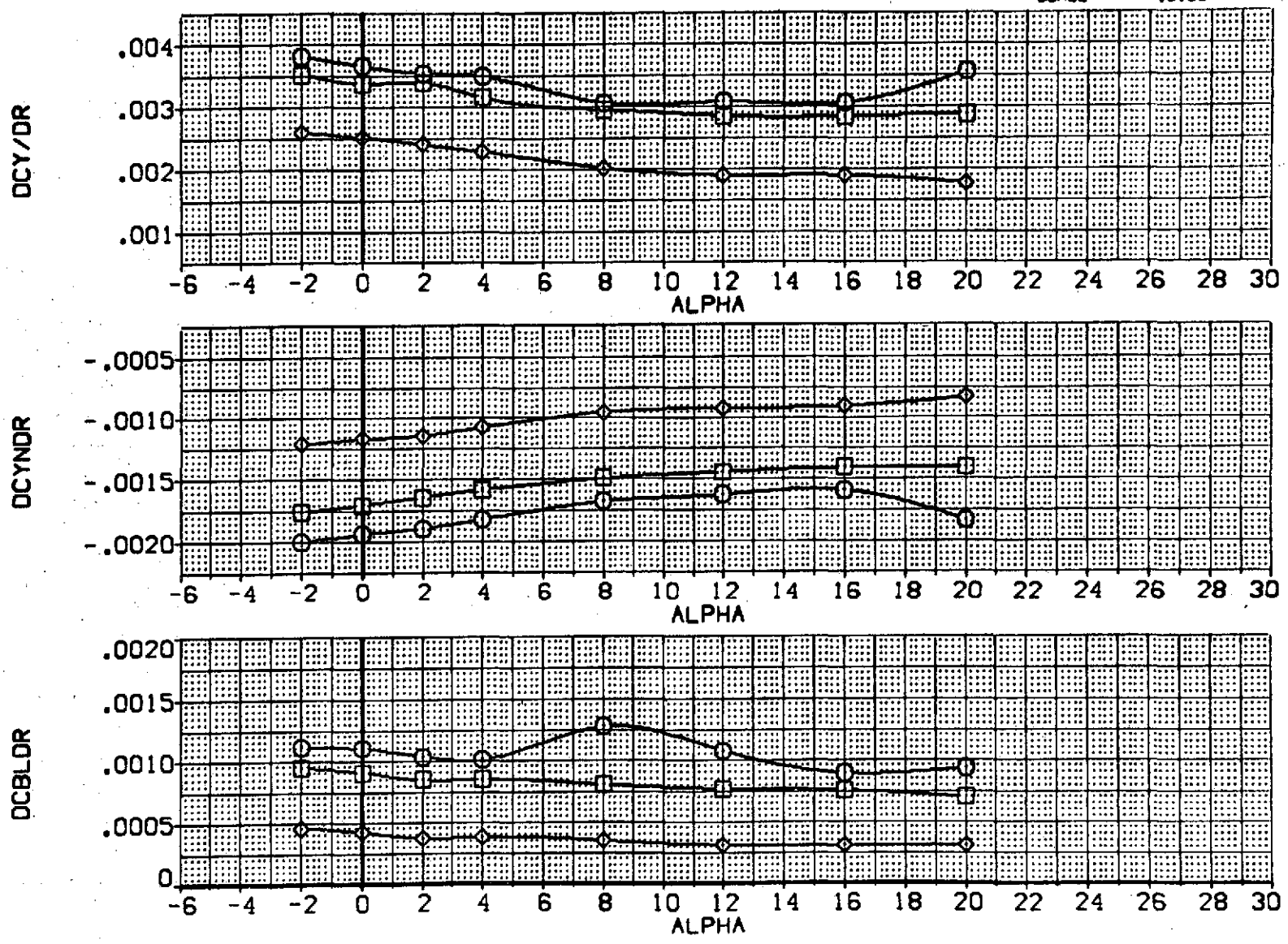
RUDDER EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK
(FHU005)	○	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	25.000
(FHU006)	□	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	55.000
(FHU007)	◇	LARC8-686(0A-116) (B26C9F8M16N28)(V)(6E43)(VBR5)	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

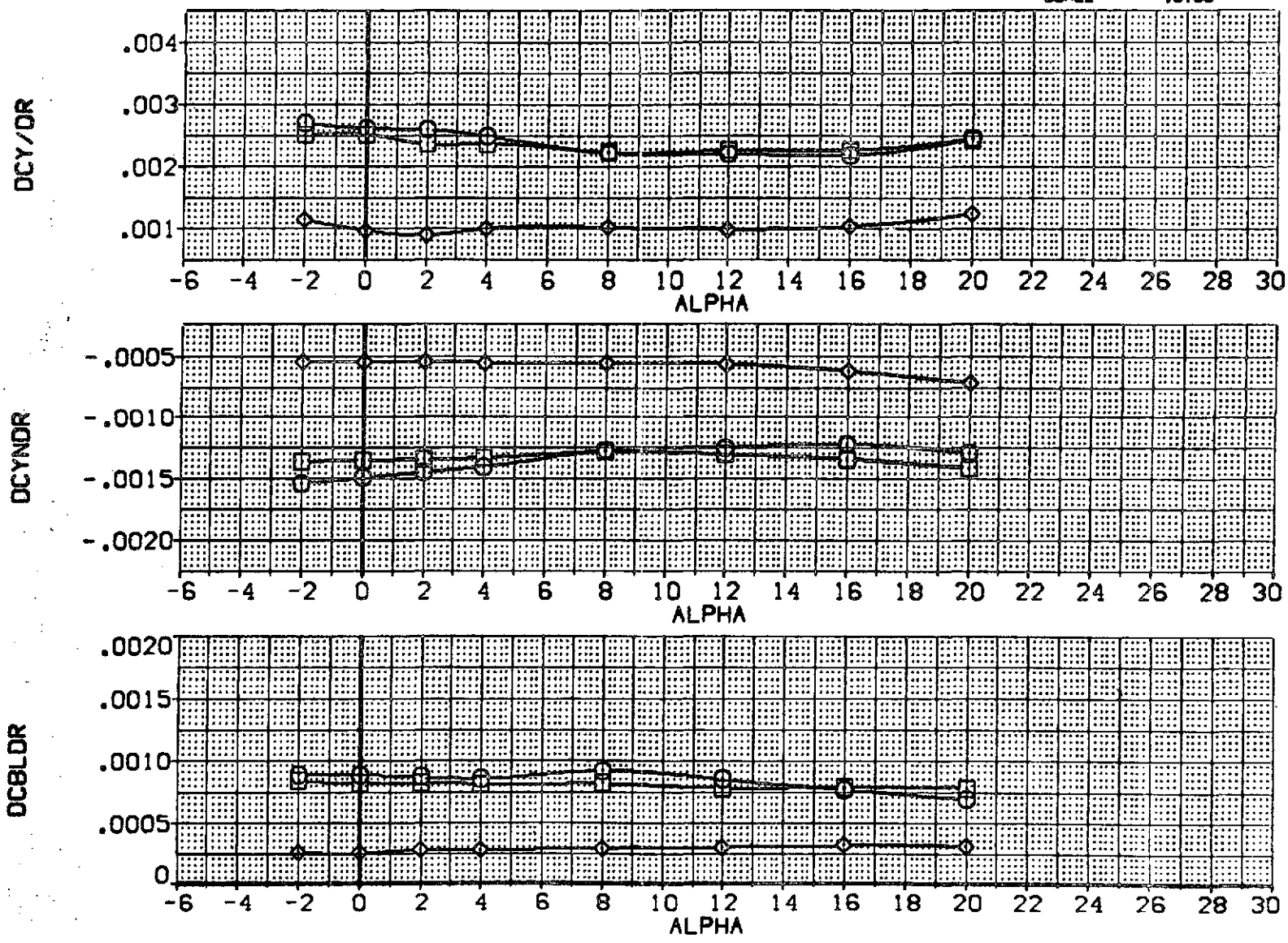


RUDDER EFFECTIVENESS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK
(FHU005)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	25.000
(FHU006)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	55.000
(FHU007)	LARC8-686(0A-116) (B26C9F8M16N28)(W)16E43)(V8R5)	85.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



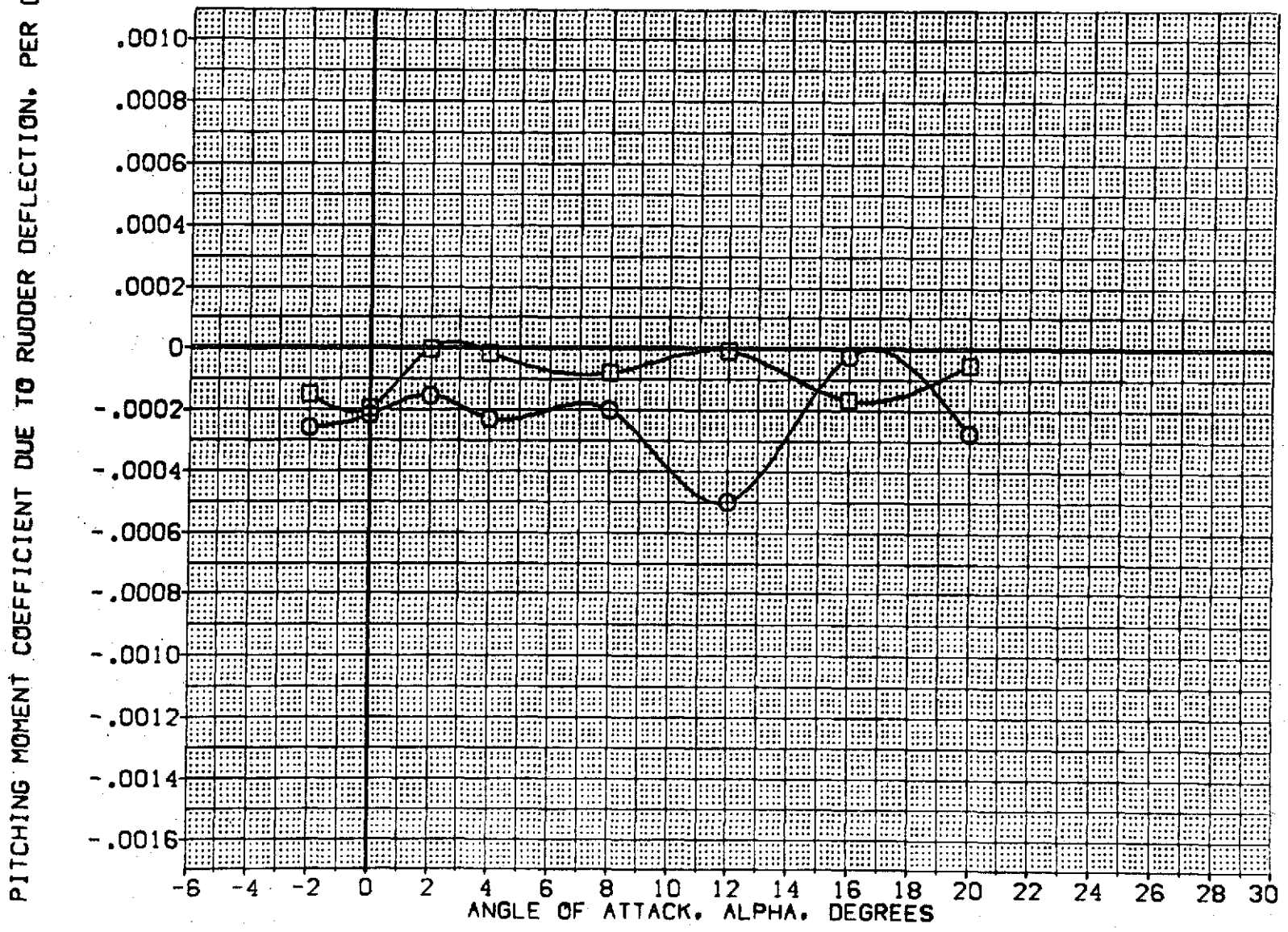
RUDDER EFFECTIVENESS

(D)MACH = 1.20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	SPDBRK
(FHU005)	○	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	25.000
(FHU006)	□	LARC8-686(0A-116) (826C9F8M16N28)(V)16E43)(V8R5)	55.000
(FHU007)	◇	DATA NOT AVAILABLE	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	



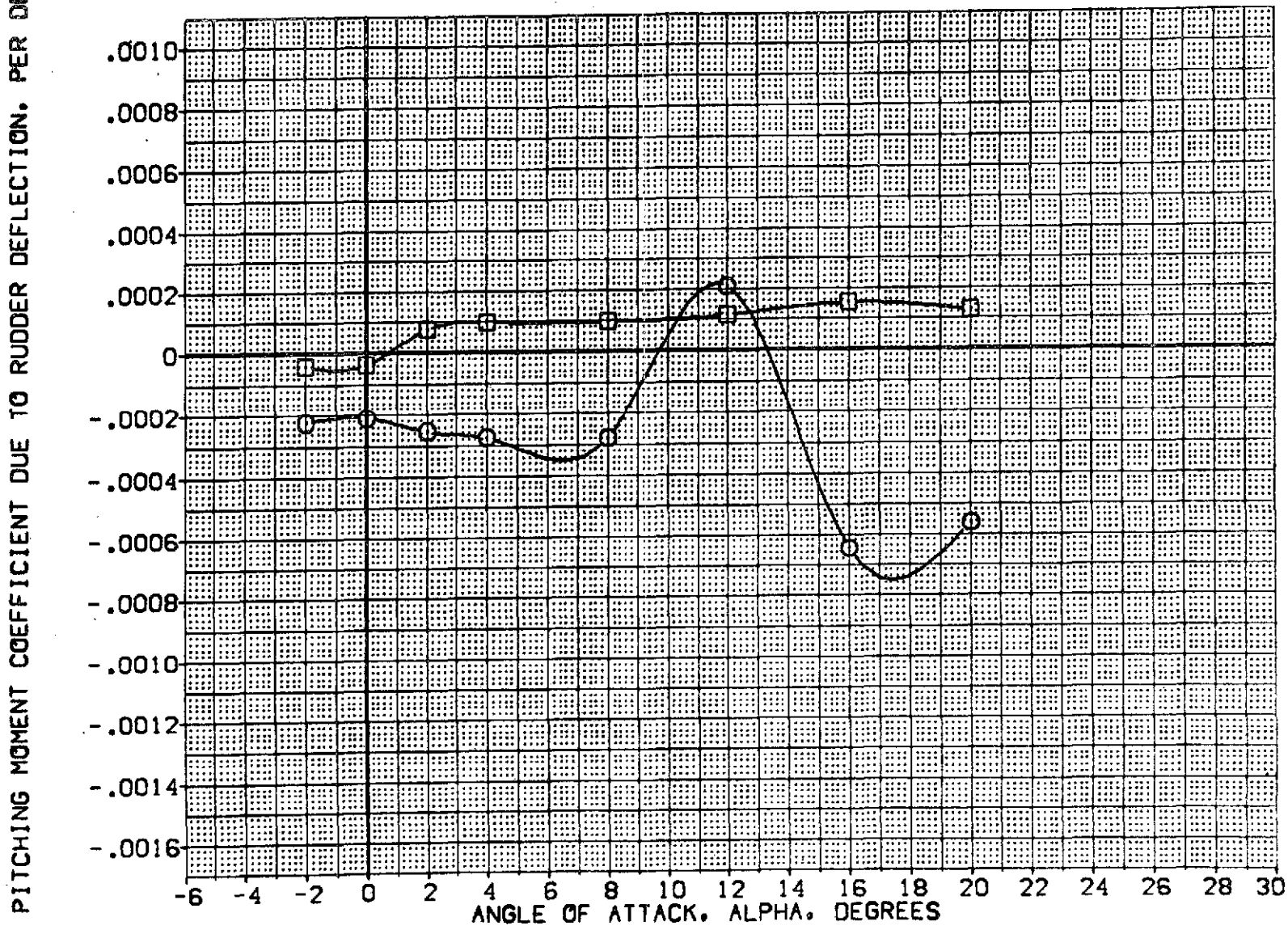
RUDDER EFFECTIVENESS

(A)MACH = .35

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	SPDBRK
(FHU005)	□	LARCO-023(DA-116) (B2BCSFBM16N28)(V1)(E43)(VER3)	25.000
(FHU003)	◇	LARCO-023(DA-116) (B2BCSFBM16N28)(V1)(E43)(VER5)	55.000
(FHU007)		DATA NOT AVAILABLE	85.000

REFERENCE INFORMATION

SREF	2580.0000	SQ.FT.
LREF	474.0117	INCHES
BREF	936.8917	INCHES
XMRP	1076.8500	IN. XB
YMRP	.0000	IN. YB
ZMRP	375.0000	IN. ZB
SCALE	.0150	



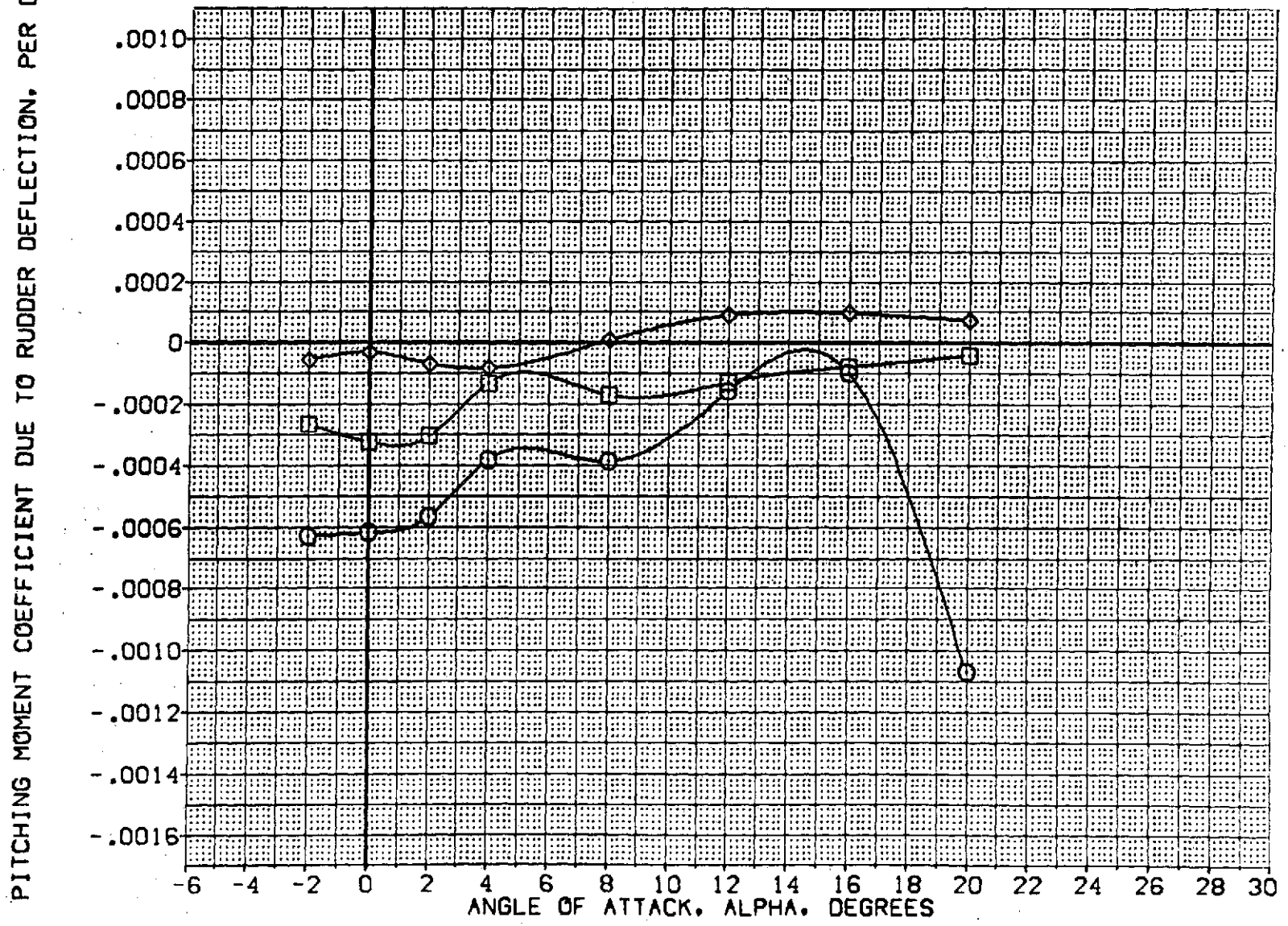
RUDDER EFFECTIVENESS

(B)MACH = .60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK
(FHU005)	○	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	25.000
(FHU006)	□	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	55.000
(FHU007)	◇	LARC8-686(0A-116) (826C9F8M16N28)(W116E43)(V8R5)	85.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6817	INCHES
XMRP	1076.6800	IN. XG
YMRP	.0000	IN. YG
ZMRP	375.0000	IN. ZG
SCALE	.0150	



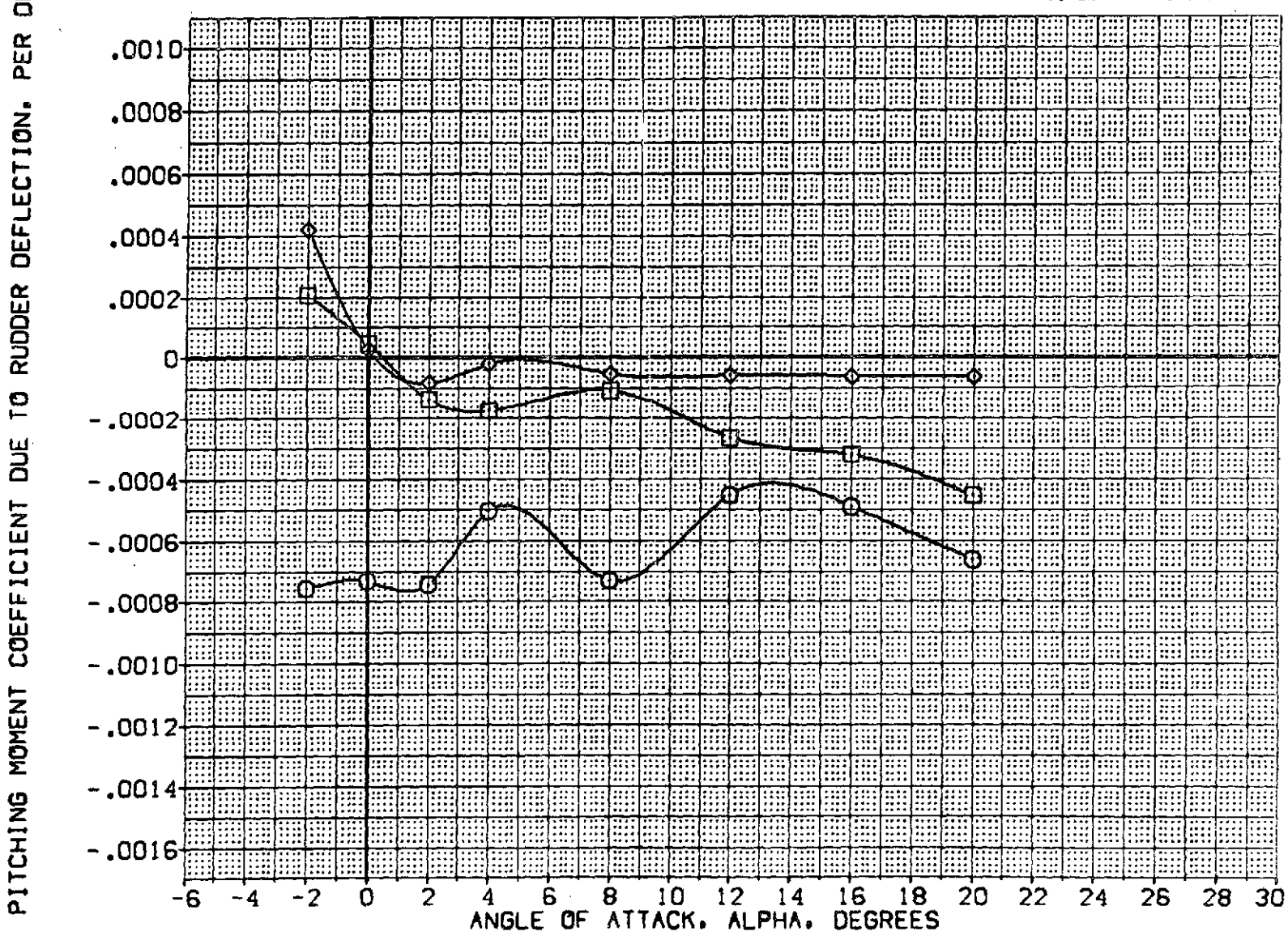
RUDDER EFFECTIVENESS

(C)MACH = .90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK
(FHU005)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR3)	25.000
(FHU006)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR5)	55.000
(FHU007)	LARC8-686(0A-116) (B26C9F8M16N28)(V116E43)(VBR5)	85.000

REFERENCE INFORMATION

SREF	2890.0000	SQ.FT.
LREF	474.8117	INCHES
BREF	936.6917	INCHES
XMRP	1076.6800	IN. XQ
YMRP	.0000	IN. YQ
ZMRP	375.0000	IN. ZQ
SCALE	.0150	



RUDDER EFFECTIVENESS

(O)MACH = 1.20

APPENDIX

TABULATED SOURCE DATA

Tabulations of plotted data are available on request from Data Management Services

LARC8-606 (CA-116) 826C9F8M16N28) (d16E43) (V8R5) (RHL001) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 8/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.054	.00000	-.15722	.03035	.06605	.03515	.03090	-.00084	-.00016	-.00030	-2.16015
.350	-.022	.00000	-.06904	.02937	.06780	.03484	.03296	-.00321	-.00035	-.00037	-1.01746
.351	2.023	.00000	.02374	.02839	.06612	.03429	.03183	-.00243	-.00099	-.00040	.31969
.351	4.067	.00000	.11547	.02744	.06020	.03375	.02645	-.00407	-.00113	-.00052	1.62538
.352	6.122	.00000	.20869	.02578	.05141	.03291	.01850	-.00149	-.00133	-.00058	2.75334
.350	10.211	.00000	.41220	.02559	.02707	.03255	-.00548	.00296	-.00197	-.00044	4.02017
.351	14.327	.00000	.63462	.01918	.00650	.03530	-.02881	.00524	-.00280	.00051	3.75475
.350	18.431	.00000	.88241	.00840	.00724	.04173	-.03449	.00250	-.00253	-.00087	2.92061
.350	21.148	.00000	1.04881	-.00008	.00218	.04809	-.04592	-.00068	-.00125	-.00119	2.56924
	GRADIENT	.00000	.04463	-.00048	-.00094	-.00025	-.00071	-.00044	-.00017	-.00003	.62203

RUN NO. 7/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-2.157	.00000	-.16632	.03461	.06771	.03779	.02992	-.00369	.00102	-.00008	-2.21375
.599	-.039	.00000	-.06745	.03257	.06917	.03720	.03196	-.00519	.00051	.00041	-.97389
.599	2.081	.00000	.03332	.03070	.06674	.03656	.03018	-.00494	-.00003	-.00005	.45462
.600	4.191	.00000	.13309	.02946	.06044	.03547	.02497	-.00554	-.00036	.00002	1.83295
.600	6.315	.00000	.23749	.02700	.04999	.03461	.01538	-.00502	-.00067	-.00010	3.04121
.599	8.451	.00000	.35181	.02451	.03758	.03447	.00311	-.00163	-.00106	-.00035	3.85321
.599	10.597	.00000	.46503	.02341	.02584	.03504	-.00920	.00123	-.00181	.00055	4.07806
.599	14.861	.00000	.70148	.01245	.02902	.03983	-.01080	.00322	-.00202	.00058	3.22444
.599	19.152	.00000	.94754	.00362	.02715	.04766	-.02052	-.00104	-.00051	.00169	2.63341
.599	22.000	.00000	1.11155	.00208	.02388	.05558	-.03170	-.01118	.00156	.00404	2.32969
	GRADIENT	.00000	.04720	-.00082	-.00114	-.00036	-.00079	-.00025	-.00022	-.00001	.64111

RUN NO. 6/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.800	-2.244	.00000	-.18871	.04430	.07221	.03837	.03383	-.00496	.00120	.00067	-2.33508
.800	-.082	.00000	-.07466	.03992	.07324	.03741	.03582	-.00711	.00086	.00098	-1.01653
.801	2.129	.00000	.03811	.03667	.07057	.03624	.03433	-.00615	.00005	.00082	.49295
.800	4.321	.00000	.15161	.03272	.06444	.03494	.02950	-.00498	-.00045	.00086	1.93333
.799	6.519	.00000	.27877	.02424	.05674	.03431	.02243	-.00337	-.00059	.00073	3.07330
.800	10.881	.00000	.48987	.01990	.05560	.03631	.01929	.00076	-.00146	-.00066	3.19948
.800	15.268	.00000	.72628	.01067	.05913	.04322	.01591	-.00169	-.00038	.00136	2.75916
.801	19.697	.00000	.96266	.00768	.06253	.05312	.00942	-.01310	.00209	.00732	2.30932
.800	22.518	.00000	1.05111	.03354	.06610	.06296	.00313	-.02098	.00324	.01163	2.03978
	GRADIENT	.00000	.05175	-.00173	-.00119	-.00052	-.00066	.00004	-.00026	.00002	.65352

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OF POOR QUALITY

LARC8-686 (CA-116) (B26C9F(M16N28) (W16E43) (V8R5) (RHL001) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 5/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.272	.00000	-.20357	.05679	.08520	.04191	.04329	-.00520	.00156	.00074	-2.14616
.901	-.050	.00000	-.06946	.04239	.08564	.04058	.04507	-.00755	.00124	.00096	-.80959
.901	2.145	.00000	.05802	.03079	.08450	.03928	.04522	-.00649	.00012	.00016	.63289
.901	4.346	.00000	.17657	.02745	.08327	.03834	.04492	-.00286	-.00101	-.00101	1.76079
.901	6.543	.00000	.28841	.02177	.08169	.03758	.04431	-.00225	-.00148	.00043	2.42694
.901	10.896	.00000	.50895	.00641	.08132	.04048	.04084	.00173	-.00203	.00013	2.75125
.901	15.296	.00000	.74857	-.01012	.08552	.04705	.03847	-.00162	.00010	-.00220	2.49850
.901	19.680	.00000	.97650	-.01253	.08926	.05759	.03166	-.01248	.00244	.00291	2.15407
.901	22.519	.00000	1.06312	.02016	.09469	.06991	.02478	-.02500	.00591	.00768	1.91210
	GRADIENT	.00000	.05751	-.00452	-.00031	-.00054	.00023	.00057	-.00040	-.00027	.59702

RUN NO. 4/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.920	-2.257	.00000	-.19877	.05439	.09234	.04301	.04933	-.00450	.00142	-.00001	-1.94795
.920	-.044	.00000	-.06183	.03747	.09263	.04198	.05066	-.00850	.00126	-.00016	-.66642
.921	2.158	.00000	.07262	.02306	.09112	.04030	.05082	-.00644	.00011	-.00113	.73714
.920	4.366	.00000	.19058	.01790	.08933	.03915	.05017	-.00421	-.00062	-.00105	1.76901
.919	6.555	.00000	.30373	.01338	.08725	.03877	.04847	-.00301	-.00125	.00012	2.40480
.920	10.914	.00000	.52787	-.00104	.08790	.04172	.04618	.00266	-.00234	-.00104	2.69357
.920	15.308	.00000	.77089	-.02008	.09084	.04857	.04227	-.00042	-.00036	-.00188	2.47149
.921	19.692	.00000	.99598	-.02629	.09488	.05869	.03619	-.01090	.00216	.00209	2.13150
.920	22.550	.00000	1.08918	.00578	.10094	.07225	.02869	-.01723	.00351	.00373	1.89303
	GRADIENT	.00000	.05901	-.00561	-.00048	-.00060	.00012	.00013	-.00033	-.00019	.56882

RUN NO. 3/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.949	-2.274	.00000	-.21969	.07449	.10785	.04693	.06092	-.00626	.00201	-.00047	-1.84785
.950	-.045	.00000	-.07577	.05346	.10705	.04582	.06123	-.00595	.00123	-.00127	-.70656
.950	2.154	.00000	.06236	.03274	.10522	.04470	.06052	-.00616	.00046	-.00177	.54296
.950	4.369	.00000	.20153	.01401	.10290	.04386	.05904	-.00230	-.00090	-.00227	1.63712
.950	6.575	.00000	.33533	-.00334	.09951	.04388	.05563	-.00028	-.00149	-.00176	2.34400
.950	10.968	.00000	.57623	-.02185	.09710	.04624	.05086	.00101	-.00206	-.00095	2.66995
.950	15.375	.00000	.82205	-.04103	.10041	.05563	.04478	-.00097	-.00619	.00009	2.43350
.950	19.759	.00000	1.05098	-.04531	.10398	.06564	.03834	.00252	-.00235	-.00236	2.10518
.950	22.627	.00000	1.14950	-.01436	.10811	.07428	.03383	-.02168	.00575	.00410	1.88073
	GRADIENT	.00000	.06335	-.00914	-.00075	-.00047	-.00029	.00053	-.00043	-.00027	.52892

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHL001) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 2/ 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.979	-2.256	.00000	-.21518	.08110	.13013	.05889	.07124	-.00631	.00221	-.00072	-1.51544
.980	-.031	.00000	-.07224	.05912	.12844	.05706	.07139	-.00692	.00132	-.00101	-.56175
.980	2.167	.00000	.06587	.03780	.12594	.05564	.07030	-.00548	.00040	-.00154	.47579
.979	4.376	.00000	.20382	.01707	.12394	.05545	.06849	-.00390	-.00027	-.00205	1.39268
.980	6.594	.00000	.34024	-.00271	.12202	.05635	.06567	-.00148	-.00098	-.00195	2.02131
.979	10.992	.00000	.58943	-.02625	.12340	.06205	.06135	.00474	-.00285	-.00182	2.37699
.981	15.405	.00000	.85655	-.05497	.12662	.07264	.05398	.00848	-.00512	-.00350	2.26577
.980	19.799	.00000	1.09529	-.06916	.12650	.08007	.04643	.00827	-.00484	-.00495	2.01565
.979	22.672	.00000	1.21967	-.05783	.12501	.08473	.04028	-.00303	-.00020	-.00086	1.83993
	GRADIENT	.00000	.06315	-.00966	-.00095	-.00053	-.00042	.00039	-.00038	-.00020	.44182

RUN NO. 1/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.199	.00000	-.17238	.07087	.15116	.05566	.09550	-.00614	.00218	-.00143	-1.05579
1.201	-.012	.00000	-.03799	.03944	.15264	.05639	.09626	-.00670	.00146	-.00159	-.24869
1.200	2.173	.00000	.09249	.01153	.15271	.05710	.09561	-.00606	.00088	-.00171	.55498
1.200	4.369	.00000	.21878	-.01103	.15089	.05747	.09342	-.00506	.00064	-.00207	1.23656
1.200	6.555	.00000	.34048	-.02870	.14788	.05791	.08997	-.00331	.00016	-.00205	1.72985
1.200	10.935	.00000	.58517	-.05330	.14116	.06027	.08090	.00168	-.00130	-.00241	2.19457
1.200	15.347	.00000	.83992	-.08060	.14301	.06719	.07582	.00238	-.00176	-.00153	2.14359
1.200	19.694	.00000	1.05157	-.08602	.14210	.07403	.06807	.00433	-.00295	-.00135	1.93007
1.200	22.545	.00000	1.16732	-.08148	.13706	.07623	.06083	-.00104	-.00123	-.00074	1.78625
	GRADIENT	.00000	.05957	-.01250	-.00003	.00028	-.00032	.00018	-.00024	-.00009	.35088

LARC8-606 (CA-116) @26C9F8 N28) (416E43) (V8R5) (RHUD02) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 73 / 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.348	-2.037	.00000	-.11785	.02499	.05277	.05013	.02264	-.00480	.00081	-.00045	-2.03597
.349	.004	.00000	-.03237	.02410	.05466	.02989	.02476	-.00579	.00021	-.00051	-.59241
.348	2.048	.00000	.05922	.02291	.05370	.02977	.02393	-.00716	-.00026	-.00014	1.02673
.349	4.093	.00000	.15530	.02171	.04859	.02963	.01896	-.00599	-.00068	-.00049	2.54297
.349	8.178	.00000	.35244	.01970	.02921	.02984	-.00062	-.00255	-.00110	-.00047	4.36056
.349	12.286	.00000	.55796	.01886	.00635	.03216	-.02581	-.00018	-.00136	.00002	4.35290
.349	16.399	.00000	.80274	.00590	.00278	.03771	-.03493	.00079	-.00196	-.00002	3.35500
.348	20.510	.00000	1.04604	-.00497	-.00280	.04697	-.04977	-.00087	-.00158	-.00033	2.69516
	GRADIENT	.00000	.04459	-.00054	-.00066	-.00008	-.00058	-.00024	-.00024	.00001	.75150

RUN NO. 72 / 0 RN/L = 3.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.125	.00000	-.12887	.03026	.05301	.03173	.02128	-.00362	.00090	.00036	-2.19571
.599	-.002	.00000	-.03363	.02811	.05528	.03165	.02364	-.00580	.00039	.00021	-.60827
.599	2.109	.00000	.06756	.02689	.05357	.03144	.02213	-.00627	-.00008	.00011	1.17003
.599	4.233	.00000	.17111	.02509	.04788	.03112	.01676	-.00418	-.00044	.00020	2.76759
.599	8.496	.00000	.39290	.01961	.02677	.03177	-.00500	-.00264	-.00092	-.00027	4.55066
.599	12.771	.00000	.61956	.00929	.02406	.03599	-.01193	.00364	-.00290	-.00203	3.73354
.599	17.026	.00000	.83553	.00321	.03040	.04428	-.01388	-.00004	-.00148	.00073	2.88628
.598	21.339	.00000	1.10137	-.00318	.02141	.05467	-.03326	-.00653	-.00006	.00169	2.41988
	GRADIENT	.00000	.04726	-.00079	-.00081	-.00010	-.00071	-.00010	-.00021	-.00003	.78677

RUN NO. 71 / 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.800	-2.186	.00000	-.14477	.03801	.05656	.03180	.02475	-.00558	.00116	.00090	-2.29718
.800	-.009	.00000	-.03318	.03375	.05848	.03147	.02701	-.00698	.00051	.00103	-.56726
.800	2.204	.00000	.08148	.02960	.05714	.03077	.02638	-.00649	-.00019	.00071	1.31551
.800	4.392	.00000	.19929	.02447	.05253	.03028	.02225	-.00453	-.00081	.00067	2.87829
.800	8.776	.00000	.42981	.01341	.04890	.03178	.01712	-.00010	-.00193	-.00134	3.66366
.800	12.025	.00000	.57509	.01104	.05466	.03643	.01823	.00123	-.00165	-.00146	3.18048
.799	17.526	.00000	.87434	-.00070	.06017	.04858	.01159	-.00364	.00013	.00225	2.54345
.800	21.858	.00000	1.04466	.02096	.06391	.06522	-.00131	-.02175	.00352	.01024	2.10989
	GRADIENT	.00000	.05226	-.00204	-.00061	-.00024	-.00037	.00017	-.00030	-.00005	.79326

LARC8-686 (CA-116) 826C9F8 N28) 6d16E43) (VAR5) (RHL002) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 70/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.902	-2.186	.00000	-.15427	.04976	.05820	.03437	.03384	-.00457	.00102	.00084	-2.04697
.901	.026	.00000	-.01817	.03306	.07167	.03436	.03729	-.00519	.00025	.00072	-.25406
.901	2.213	.00000	.10275	.02396	.07451	.03397	.04054	-.00376	-.00114	-.00044	1.27246
.901	4.404	.00000	.21737	.01819	.07662	.03369	.04293	-.00332	-.00157	-.00109	2.26519
.900	8.760	.00000	.42871	.01102	.07760	.03591	.04169	.00160	-.00265	-.00316	2.90084
.900	13.126	.00000	.64623	-.00369	.08417	.04302	.04115	.00289	-.00168	-.00328	2.66790
.899	17.526	.00000	.88967	-.01902	.08723	.05431	.03292	-.00597	.00079	-.00040	2.34159
.900	21.838	.00000	1.05062	.00813	.09052	.07202	.01850	-.02180	.00503	.00484	1.98290
	GRADIENT	.00000	.05629	-.00475	.00128	-.00011	.00139	.00024	-.00042	-.00032	.65885

RUN NO. 69/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.920	-2.180	.00000	-.14920	.04809	.07433	.03562	.03871	-.00476	.00099	.00052	-1.82946
.920	.041	.00000	-.00407	.02680	.07859	.03528	.04331	-.00518	.00013	.00001	-.05250
.920	2.238	.00000	.11666	.01836	.08187	.03493	.04695	-.00275	-.00153	-.00193	1.31275
.920	4.418	.00000	.23347	.01000	.08360	.03437	.04923	-.00314	-.00170	-.00136	2.23348
.920	8.799	.00000	.44574	.00446	.08363	.03623	.04740	.00011	-.00342	-.00263	2.83560
.920	13.138	.00000	.66207	-.01311	.08988	.04472	.04516	.00532	-.00230	-.00379	2.62293
.920	17.546	.00000	.91578	-.03557	.09292	.05564	.03728	-.00486	.00090	-.00031	2.31748
.920	21.875	.00000	1.08070	-.00805	.09680	.07485	.02195	-.01418	.00318	.00007	1.96317
	GRADIENT	.00000	.05770	-.00559	.00141	-.00019	.00160	.00033	-.00044	-.00035	.61670

RUN NO. 68/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.951	-2.159	.00000	-.13847	.04997	.08988	.05868	.05120	-.00400	.00094	-.00067	-1.42036
.951	.064	.00000	.01352	.02222	.09418	.03877	.05541	-.00527	.00009	-.00197	.14243
.951	2.272	.00000	.15178	.00000	.09695	.03843	.05852	-.00527	-.00071	-.00293	1.43670
.950	4.464	.00000	.28532	-.01985	.09743	.03871	.05872	-.00426	-.00100	-.00325	2.31997
.950	8.847	.00000	.50824	-.02996	.09250	.03899	.05351	-.00410	-.00054	-.00151	2.87773
.950	13.216	.00000	.72861	-.04014	.09663	.04799	.04864	.00525	-.00699	-.00279	2.63661
.950	17.606	.00000	.97279	-.05656	.10159	.06142	.04017	.01019	-.00087	-.00437	2.29239
.950	21.971	.00000	1.15431	-.03152	.10551	.07697	.02854	-.01732	.00350	.00138	1.94636
	GRADIENT	.00000	.06586	-.01050	.00115	-.00001	.00116	-.00004	-.00030	-.00039	.56710

LARC8-686 (CA-116) 826C9F8 N28) 6416E43) (V8R5) (RHU002) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 67 / 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.979	-2.148	.00000	-.13735	.05589	.10542	.04613	.05929	-.00519	.00153	-.00103	-1.20640
.979	.076	.00000	.01912	.02387	.10825	.04599	.06226	-.00486	.00052	-.00172	.17525
.979	2.273	.00000	.15976	-.00119	.11158	.04675	.06484	-.00546	-.00057	-.00271	1.31723
.979	4.486	.00000	.29740	-.02536	.11289	.04849	.06440	-.00493	-.00070	-.00313	2.11816
.979	8.864	.00000	.52841	-.04111	.11188	.05402	.05786	-.00427	-.00048	-.00192	2.63002
.981	13.256	.00000	.76852	-.05992	.11795	.06583	.05212	.00748	-.00435	-.00398	2.47746
.980	17.663	.00000	1.02437	-.08490	.12113	.07856	.04256	.00842	-.00524	-.00559	2.20383
.980	22.045	.00000	1.24770	-.08853	.11792	.08570	.03222	-.00499	.00064	-.00396	1.92557
	GRADIENT	.00000	.06539	-.01217	.00116	.00035	.00081	.00001	-.00034	-.00033	.50305

RUN NO. 66 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.126	.00000	-.09457	.02827	.13236	.05088	.08148	-.00608	.00189	-.00091	-.65986
1.201	.055	.00000	.03339	.00024	.13381	.05085	.08296	-.00663	.00129	-.00096	.24848
1.201	2.245	.00000	.15810	-.02409	.13450	.05154	.08296	-.00734	.00094	-.00094	1.08625
1.201	4.437	.00000	.28020	-.04467	.13370	.05261	.08110	-.00693	.00068	-.00144	1.73578
1.201	8.797	.00000	.51262	-.06795	.12702	.05419	.07282	-.00342	-.00005	-.00251	2.38901
1.200	13.195	.00000	.76194	-.09179	.12639	.06178	.06461	.00026	-.00119	-.00316	2.40077
1.200	17.576	.00000	.99708	-.11118	.12740	.06744	.05996	.00193	-.00250	-.00196	2.15659
1.200	21.926	.00000	1.19218	-.11102	.12540	.07522	.05019	.00289	-.00360	-.00172	1.88623
	GRADIENT	.00000	.05709	-.01111	.00022	.00027	-.00005	-.00015	-.00018	-.00007	.36675

LARC8-686 (CA-116) B26C9F9M16N28) (M16E43) (V8R5) (RHU003) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	55.000		

RUN NO. 44/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.349	-2.052	.00000	-.17032	.05144	.09315	.04413	.04902	-.00593	-.00144	.00018	-1.68242
.350	.011	.00000	-.08030	.04980	.09449	.04370	.05079	-.00866	-.00186	.00020	-.85015
.349	2.095	.00000	.01054	.04967	.09303	.04267	.05036	-.00792	-.00240	.00022	.07637
.349	4.078	.00000	.10221	.04847	.08703	.04133	.04569	-.00712	-.00262	.00030	1.01794
.349	8.152	.00000	.29668	.04605	.08655	.03919	.02736	-.00334	-.00323	.00022	2.63329
.349	12.239	.00000	.49885	.04721	.04182	.03974	.00207	-.00060	-.00351	.00061	3.26446
.349	16.383	.00000	.74565	.03389	.03321	.04395	-.01074	.00101	-.00489	.00023	2.91529
.349	20.516	.00000	.98684	.02594	.02871	.05303	-.02432	-.00473	-.00267	-.00188	2.45264
	GRADIENT	.00000	.04436	-.00044	-.00096	-.00046	-.00050	-.00014	-.00020	.00002	.44080

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.601	-2.174	.00000	-.18300	.05764	.09292	.04679	.04613	-.00431	.00044	.00088	-1.79709
.600	-.077	.00000	-.08500	.05537	.09447	.04623	.04825	-.00620	-.00004	.00097	-.89723
.600	2.093	.00000	.01438	.05460	.09176	.04467	.04709	-.00628	-.00059	.00127	.11947
.600	4.259	.00000	.11978	.05279	.08517	.04314	.04203	-.00532	-.00094	.00104	1.20554
.600	8.475	.00000	.33445	.04806	.06217	.04126	.02091	-.00251	-.00138	.00062	2.90340
.600	12.761	.00000	.56923	.03916	.05132	.04299	.00833	.00292	-.00329	-.00084	3.09362
.599	17.040	.00000	.80406	.03603	.05000	.04924	.00076	.00051	-.00195	-.00002	2.66069
.600	21.275	.00000	1.06169	.02524	.04630	.06027	-.01397	-.00839	-.00018	.00178	2.27037
	GRADIENT	.00000	.04694	-.00071	-.00122	-.00058	-.00063	-.00014	-.00022	.00004	.46705

RUN NO. 42/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.262	.00000	-.22723	.08450	.10849	.05080	.05770	-.00594	.00107	.00177	-1.89789
.901	.015	.00000	-.08956	.06946	.10915	.04958	.05957	-.00702	.00059	.00184	-.82092
.901	2.181	.00000	.03916	.05764	.10744	.04800	.05944	-.00593	-.00019	.00100	.32193
.900	4.423	.00000	.16035	.05184	.10591	.04681	.05909	-.00395	-.00123	-.00034	1.28609
.900	8.699	.00000	.38233	.03783	.10221	.04489	.05732	-.00072	-.00201	-.00164	2.28177
.902	13.178	.00000	.62205	.01796	.10348	.04832	.05516	.00043	-.00148	-.00166	2.39968
.901	17.555	.00000	.86054	.00648	.10670	.05567	.05103	-.00570	.00010	.00040	2.18188
.902	21.884	.00000	1.02741	.03707	.10995	.06810	.04185	-.01880	.00282	.00594	1.88130
	GRADIENT	.00000	.05812	-.00494	-.00042	-.00061	.00018	.00032	-.00035	-.00032	.48120

LARC8-686 (OA-116) (B26C9F3M16N28) (W16E43) (V8F5) (RHU003) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	55.000		

RUN NO. 41 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.100	.00000	-.19068	.10537	.17817	.05891	.11926	-.00553	.00208	-.00072	-.99454
1.200	.115	.00000	-.04829	.07023	.17914	.06005	.11909	-.00655	.00146	-.00120	-.27174
1.200	2.205	.00000	.08105	.04030	.17844	.06102	.11742	-.00651	.00078	-.00143	.40859
1.200	4.405	.00000	.21270	.01404	.17569	.06195	.11374	-.00558	.00063	-.00219	1.03694
1.199	8.792	.00000	.44950	-.01639	.16542	.06352	.10190	-.00088	-.00084	-.00303	1.80433
1.200	13.158	.00000	.71089	-.04900	.16110	.06760	.09350	.00207	-.00184	-.00285	2.05693
1.199	17.484	.00000	.94550	-.07029	.15818	.07287	.08532	.00206	-.00284	-.00126	1.96418
1.200	21.829	.00000	1.13405	-.06592	.15139	.07812	.07327	.00000	-.00255	-.00077	1.77234
	GRADIENT	.00000	.06200	-.01407	-.00038	.00047	-.00084	-.00001	-.00023	-.00022	.31355

LARC8-686 (OA-116) (B26C9F8M16N28) (W16E43) (V8F5) (RHU004) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	85.000		

RUN NO. 65 / 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.072	.00000	-.19171	.07585	.11907	.05519	.06388	-.00547	-.00142	-.00038	-1.48722
.350	-.029	.00000	-.10101	.07338	.12028	.05541	.06487	-.00647	-.00177	-.00001	-.83897
.350	2.024	.00000	-.01147	.07260	.11870	.05494	.06375	-.00813	-.00203	.00004	-.13238
.350	4.057	.00000	.07917	.07002	.11265	.05335	.05930	-.00630	-.00259	-.00004	.60184
.350	8.154	.00000	.28120	.06776	.09178	.04984	.04194	-.00393	-.00297	-.00020	2.02963
.349	12.262	.00000	.48450	.07023	.06693	.04933	.01760	-.00119	-.00327	-.00018	2.72859
.350	16.378	.00000	.72913	.05801	.05781	.05262	.00519	.00078	-.00443	-.00017	2.61722
.350	20.480	.00000	.96822	.05379	.05213	.06185	-.00971	-.00606	-.00266	-.00170	2.29304
	GRADIENT	.00000	.04414	-.00089	-.00102	-.00029	-.00073	-.00020	-.00018	.00005	.54117

LARC8-686 (CA-116) (B26C9F8M16N28) 0416E43) (V8R5) (RHU004) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	85.000		

RUN NO. 64 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.168	.00000	-.21084	.08693	.11996	.05644	.06351	-.00524	.00023	.00017	-1.61257
.600	-.061	.00000	-.11248	.08454	.12100	.05584	.06516	-.00698	-.00007	.00070	-.92762
.600	2.059	.00000	-.01113	.08152	.11867	.05543	.06324	-.00676	-.00061	.00052	-.13018
.600	4.190	.00000	.08954	.07968	.11265	.05361	.05903	-.00579	-.00096	.00018	.68203
.599	8.452	.00000	.31095	.07403	.08931	.05088	.03843	-.00328	-.00147	.00001	2.19664
.600	12.718	.00000	.54459	.06529	.07660	.05172	.02489	.00217	-.00342	-.00198	2.64291
.599	17.017	.00000	.78466	.06367	.07473	.05724	.01749	-.00009	-.00186	-.00038	2.41934
.600	21.303	.00000	1.03598	.05394	.07081	.06670	.00411	-.00982	-.00005	.00099	2.12389
	GRADIENT	.00000	.04730	-.00117	-.00115	-.00042	-.00073	-.00007	-.00019	-.00001	.36246

RUN NO. 63 / 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.276	.00000	-.26381	.12531	.13682	.05502	.08180	-.00566	.00090	.00111	-1.75394
.900	-.065	.00000	-.13010	.11100	.13595	.05450	.08145	-.00686	.00046	.00135	-.95477
.901	2.142	.00000	.00045	.09769	.13400	.05308	.08091	-.00733	-.00023	.00074	-.03407
.901	4.350	.00000	.12655	.08948	.13218	.05142	.08076	-.00586	-.00101	-.00021	.82154
.900	8.728	.00000	.35580	.07601	.12996	.05062	.07933	-.00036	-.00168	-.00218	1.81955
.901	13.114	.00000	.59494	.05489	.12993	.05368	.07625	-.00084	-.00085	-.00248	2.10284
.901	17.504	.00000	.83458	.04339	.13239	.05953	.07286	-.00480	-.00014	-.00024	2.00409
.900	21.854	.00000	1.00729	.07007	.13393	.07067	.06326	-.01374	.00137	.00513	1.77273
	GRADIENT	.00000	.05894	-.00547	-.00072	-.00055	-.00017	.00022	-.00029	-.00021	.39154

RUN NO. 62 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.199	-2.167	.00000	-.20488	.13809	.20032	.05736	.14296	-.00643	.00186	-.00121	-.94823
1.199	.040	.00000	-.06647	.10211	.19964	.05871	.14093	-.00746	.00117	-.00176	-.33374
1.199	2.213	.00000	.06668	.07001	.19779	.06013	.13766	-.00731	.00060	-.00193	.29463
1.200	4.396	.00000	.19490	.04279	.19455	.06136	.13318	-.00603	.00035	-.00217	.85881
1.201	8.772	.00000	.43954	.00940	.18373	.06327	.12045	-.00052	-.00129	-.00377	1.63458
1.199	13.162	.00000	.69579	-.02083	.17955	.06665	.11290	.00079	-.00174	-.00313	1.91023
1.199	17.555	.00000	.93135	-.03909	.17813	.07200	.10613	.00131	-.00256	-.00157	1.85080
1.199	21.880	.00000	1.10742	-.02601	.17561	.07788	.09773	-.00149	-.00228	-.00013	1.67152
	GRADIENT	.00000	.06095	-.01455	-.00088	.00061	-.00149	.00006	-.00025	-.00014	.27672

LARC8-686 (OA-116) @26C8F9M16N28) (W16E43) (V8R8) (RHL003) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPDBRK = 25.000

RUN NO. 54/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.000	.00000	-.15101	.03291	.07245	.03649	.03596	-.03898	.01708	-.00959	-1.91035
.350	.001	.00000	-.06605	.03153	.07396	.03632	.03764	-.03819	.01621	-.00918	-.89315
.349	2.134	.00000	.02479	.02984	.07238	.03592	.03645	-.03796	.01511	-.00894	.30142
.350	4.101	.00000	.12311	.02973	.06820	.03491	.03128	-.03708	.01461	-.00873	1.57768
.350	8.205	.00000	.31830	.02766	.04583	.03365	.01218	-.03231	.01338	-.00838	3.39798
.350	12.377	.00000	.52806	.02816	.02075	.03470	-.01396	-.02828	.01240	-.00789	3.83167
.349	16.397	.00000	.76983	.01397	.01339	.03906	-.02567	-.02643	.01098	-.00785	3.19230
.349	20.479	.00000	1.00952	.00568	.00948	.04710	-.03762	-.03358	.01343	-.00938	2.60283
	GRADIENT	.00000	.04467	-.00055	-.00099	-.00025	-.00074	.00029	-.00042	.00014	.57033

RUN NO. 53/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.165	.00000	-.16649	.03683	.07287	.03928	.03359	-.03921	.01836	-.00952	-2.06838
.599	-.027	.00000	-.06788	.03461	.07441	.03896	.03544	-.04133	.01759	-.00907	-.91140
.600	2.142	.00000	.03181	.03323	.07186	.03818	.03368	-.04013	.01643	-.00893	.39860
.599	4.323	.00000	.14080	.03215	.06502	.03719	.02783	-.03772	.01565	-.00879	1.79593
.599	8.568	.00000	.35553	.02648	.04203	.03592	.00611	-.03233	.01418	-.00854	3.65284
.599	12.732	.00000	.58955	.01769	.03276	.03860	-.00584	-.02666	.01186	-.00997	3.50755
.600	17.215	.00000	.82343	.01474	.03156	.04484	-.01328	-.02928	.01330	-.00835	2.83812
.599	21.351	.00000	1.07761	.00449	.02842	.05455	-.02613	-.03948	.01595	-.00716	2.37179
	GRADIENT	.00000	.04723	-.00071	-.00121	-.00033	-.00088	.00026	-.00043	.00011	.59655

RUN NO. 52/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.287	.00000	-.20686	.06345	.09347	.04491	.04855	-.04378	.02158	-.01033	-1.99675
.901	-.056	.00000	-.07288	.04901	.09421	.04365	.05056	-.04422	.02061	-.00998	-.77203
.900	2.203	.00000	.05828	.03660	.09143	.04213	.04929	-.04192	.01890	-.01005	.58467
.901	4.395	.00000	.17829	.03145	.09037	.04080	.04957	-.03740	.01693	-.01121	1.64648
.900	8.700	.00000	.39902	.01931	.08695	.03999	.04696	-.03119	.01473	-.01161	2.60603
.901	13.092	.00000	.63408	.00084	.08927	.04451	.04476	-.02944	.01480	-.01132	2.59078
.900	17.506	.00000	.87184	-.01237	.09280	.05270	.04010	-.03620	.01765	-.00966	2.29096
.901	21.837	.00000	1.04159	.01782	.09938	.06860	.03078	-.05927	.02388	-.00213	1.93853
	GRADIENT	.00000	.05769	-.00486	-.00054	-.00062	.00008	.00096	-.00070	-.00012	.55096

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHU005) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPDBRK = 25.000

RUN NO. 51 / 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.202	.00000	-.17468	.07857	.15870	.05769	.10101	-.03331	.01757	-.01026	-1.01913
1.201	.017	.00000	-.03875	.04648	.16023	.05844	.10179	-.03302	.01631	-.01036	-.24213
1.201	2.246	.00000	.09465	.01787	.16001	.05913	.10088	-.03202	.01520	-.01035	.53977
1.201	4.359	.00000	.22026	-.00628	.15845	.05956	.09888	-.02977	.01453	-.01063	1.18803
1.200	8.801	.00000	.46370	-.03461	.15006	.06046	.08960	-.02280	.01187	-.01131	1.98546
1.200	13.154	.00000	.72005	-.06320	.14884	.06541	.08343	-.01975	.01081	-.01033	2.16089
1.200	17.502	.00000	.95371	-.08242	.14956	.07190	.07766	-.01941	.00991	-.00862	2.01317
1.200	21.922	.00000	1.14386	-.07606	.14557	.07846	.06710	-.02190	.01039	-.00809	1.79117
	GRADIENT	.00000	.06016	-.01293	-.00004	.00029	-.00033	.00053	-.00047	-.00005	.33800

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHU006) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPDBRK = 55.000

RUN NO. 58/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.000	.00000	-.16734	.05288	.09350	.04363	.04987	-.03406	.01376	-.00790	-1.65158
.350	.174	.00000	-.07632	.05160	.09398	.04335	.05063	-.03651	.01295	-.00750	-.81711
.350	2.088	.00000	.01696	.04964	.09269	.04236	.05034	-.03359	.01195	-.00717	.14552
.349	4.191	.00000	.10590	.04861	.08623	.04129	.04494	-.03437	.01151	-.00714	1.05957
.349	8.196	.00000	.30431	.04684	.06588	.03915	.02674	-.02716	.00990	-.00692	2.68722
.349	12.352	.00000	.50357	.04720	.04154	.03952	.00202	-.02415	.00931	-.00648	3.25712
.349	16.477	.00000	.75035	.03533	.03207	.04355	-.01148	-.02114	.00743	-.00597	2.91676
.349	20.468	.00000	.99006	.02624	.02805	.05229	-.02424	-.02660	.00940	-.00776	2.46145
	GRADIENT	.00000	.04454	-.00072	-.00112	-.00039	-.00073	.00009	-.00038	.00013	.44350

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL006) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	-10.000
SPDBRK =	55.000		

RUN NO. 57 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.126	.00000	-.18508	.05785	.09388	.04658	.04730	-.03649	.01583	-.00793	-1.80245
.600	.118	.00000	-.08066	.05559	.09473	.04592	.04881	-.03812	.01501	-.00745	-.85506
.599	2.178	.00000	.01935	.05370	.09230	.04506	.04724	-.03642	.01407	-.00714	.17030
.598	4.285	.00000	.11792	.05176	.08585	.04348	.04237	-.03518	.01323	-.00715	1.17752
.599	8.492	.00000	.34183	.04705	.06204	.04145	.02059	-.02953	.01190	-.00700	2.94101
.599	12.772	.00000	.57216	.03797	.05081	.04320	.00761	-.02304	.00907	-.00845	3.10592
.599	17.085	.00000	.80831	.03445	.04942	.04899	.00043	-.02695	.01063	-.00697	2.66276
.599	21.326	.00000	1.06570	.02398	.04597	.05936	-.01339	-.03385	.01253	-.00517	2.26778
	GRADIENT	.00000	.04738	-.00095	-.00123	-.00048	-.00076	.00026	-.00041	.00013	.46772

RUN NO. 56 / 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.257	.00000	-.22630	.08705	.11286	.05073	.06213	-.04163	.01868	-.00770	-1.82178
.900	.008	.00000	-.09022	.07273	.11253	.04970	.06283	-.04091	.01757	-.00719	-.80200
.900	2.188	.00000	.03484	.06058	.11036	.04836	.06199	-.03983	.01611	-.00743	.27417
.900	4.251	.00000	.15228	.05334	.10907	.04707	.06199	-.03548	.01457	-.00877	1.19754
.901	8.769	.00000	.38709	.03940	.10512	.04506	.06007	-.03023	.01275	-.00958	2.24995
.901	13.187	.00000	.62710	.01896	.10632	.04878	.05755	-.02800	.01281	-.00930	2.37771
.900	17.479	.00000	.85657	.00739	.10866	.05588	.05279	-.03436	.01405	-.00707	2.17328
.901	21.854	.00000	1.02902	.03651	.11240	.06865	.04375	-.04753	.01699	-.00072	1.87377
	GRADIENT	.00000	.05811	-.00523	-.00062	-.00057	-.00006	.00089	-.00063	-.00015	.46694

RUN NO. 55 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.166	.00000	-.18735	.10428	.18047	.06010	.12037	-.03076	.01569	-.00909	-.96250
1.201	.085	.00000	-.04850	.07027	.18055	.06062	.11993	-.03179	.01493	-.00933	-.27021
1.200	2.316	.00000	.08749	.04037	.17943	.06113	.11830	-.03016	.01415	-.00968	.43851
1.200	4.448	.00000	.21339	.01527	.17750	.06191	.11559	-.02952	.01387	-.01026	1.02822
1.200	8.799	.00000	.45278	-.01547	.16754	.06299	.10454	-.02317	.01188	-.01116	1.79637
1.199	13.232	.00000	.71070	-.04618	.16353	.06720	.09633	-.02103	.01131	-.01055	2.03317
1.199	17.599	.00000	.95158	-.06716	.16135	.07372	.08762	-.02103	.01069	-.00918	1.94395
1.200	21.894	.00000	1.13200	-.05961	.15570	.07796	.07774	-.02648	.01212	-.00832	1.75134
	GRADIENT	.00000	.06063	-.01346	-.00045	.00027	-.00072	.00024	-.00028	-.00017	.30277

LARC8-686 (CA-116) @26C9F8M16N28) (M16E43) (V8R5) (RHL007) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPDBRK = 85.000

RUN NO. 61 / 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.147	.00000	-.26413	.12510	.13884	.05634	.08250	-.03190	.01297	-.00345	-1.74073
.900	.012	.00000	-.13156	.11080	.13799	.05565	.08234	-.03216	.01210	-.00289	-.95377
.901	2.201	.00000	-.00060	.09804	.13590	.05415	.08175	-.03129	.01106	-.00300	-.04289
.900	4.390	.00000	.12016	.09021	.13408	.05281	.08127	-.02652	.00954	-.00409	.76670
.901	8.810	.00000	.35682	.07517	.13087	.05077	.08011	-.02026	.00769	-.00558	1.80763
.901	13.118	.00000	.59217	.05376	.13083	.05350	.07733	-.01989	.00834	-.00556	2.08938
.899	17.632	.00000	.83506	.04516	.13228	.05969	.07259	-.02392	.00873	-.00323	1.99407
.901	21.778	.00000	1.00989	.06865	.13445	.07007	.06438	-.03031	.00919	.00199	1.77752
	GRADIENT	.00000	.05689	-.00538	-.00075	-.00055	-.00020	.00078	-.00052	-.00009	.36686

RUN NO. 60/ 0 RN/L = 2.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-.023	.00000	-.06826	.10270	.20178	.06073	.14104	-.01718	.00669	-.00427	-.33787
1.201	2.360	.00000	.07166	.06856	.20057	.06234	.13823	-.01632	.00603	-.00476	.31147
1.201	4.323	.00000	.19229	.04348	.19733	.06313	.13420	-.01631	.00589	-.00494	.83721
1.200	8.842	.00000	.43892	.00991	.18532	.06380	.12151	-.01058	.00425	-.00672	1.61715
1.199	13.199	.00000	.69967	-.02067	.18123	.06700	.11423	-.00931	.00401	-.00615	1.90300
1.201	17.494	.00000	.93057	-.03891	.17952	.07183	.10769	-.00957	.00392	-.00476	1.84844
1.199	21.793	.00000	1.10877	-.02636	.17671	.07651	.10020	-.01539	.00532	-.00323	1.67433
	GRADIENT	.00000	.05991	-.01365	-.00101	.00056	-.00156	.00021	-.00019	-.00016	.27046

LARC8-686 (CA-116) @26C9F8M16N28) (M16E43) (V8R5) (RHU008) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	10.000	ELV-RI =	10.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 9/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.199	-2.156	.00000	-.10702	.02299	.15597	.05866	.09731	-.00586	.00248	-.00200	-.63219
1.199	.043	.00000	.02808	-.00754	.15720	.05891	.09829	-.00625	.00161	-.00205	.17788
1.200	2.218	.00000	.15709	-.03375	.15829	.05949	.09880	-.00567	.00099	-.00250	.91837
1.200	4.414	.00000	.28411	-.05715	.15792	.06028	.09764	-.00462	.00099	-.00335	1.51188
1.200	6.601	.00000	.40692	-.07559	.15435	.06043	.09392	-.00268	.00035	-.00343	1.93143
1.199	10.984	.00000	.65504	-.10141	.14648	.06248	.08599	-.00020	-.00041	-.00320	2.27213
1.199	15.395	.00000	.90926	-.12883	.15119	.06783	.08336	.00199	-.00099	-.00264	2.16070
1.199	19.754	.00000	1.12194	-.13551	.15045	.07341	.07704	.00223	-.00257	-.00111	1.92988
1.199	22.620	.00000	1.23886	-.12732	.14798	.07703	.07095	-.00326	-.00085	-.00001	1.77241
	GRADIENT	.00000	.05951	-.01218	.00352	.00025	.00007	.00020	-.00023	-.00021	.32774

LARC8-686 (CA-116) @26C9F8M10N28) (M16E43) (V8R5) (RHU009) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	20.000	ELV-RI =	20.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 87/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-1.851	.00000	-.03526	-.02334	.17183	.06104	.11079	-.00565	.00252	-.00250	-.17173
1.200	.066	.00000	.08405	-.05060	.17306	.06096	.11210	-.00617	.00209	-.00296	.48427
1.200	2.363	.00000	.22291	-.08012	.17350	.06143	.11207	-.00611	.00137	-.00325	1.18091
1.200	4.468	.00000	.35023	-.10465	.17268	.06234	.11034	-.00534	.00099	-.00305	1.68329
1.200	8.834	.00000	.60360	-.14108	.16874	.06454	.10420	-.00073	-.00023	-.00337	2.19912
1.200	13.310	.00000	.86567	-.16746	.16952	.06963	.09989	.00058	-.00037	-.00353	2.20547
1.200	17.633	.00000	1.09340	-.17598	.17284	.07463	.09821	.00164	-.00143	-.00101	1.99554
1.200	21.954	.00000	1.27452	-.16552	.16729	.07612	.09117	.00007	-.00141	-.00074	1.77240
	GRADIENT	.00000	.06093	-.01285	.00014	.00021	-.00007	.00005	-.00025	-.00009	.29426

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (VAR5) (RHL010) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 10/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.229	.00000	-.24029	.11675	.16040	.05424	.10616	-.00791	.00325	-.00007	-1.37875
1.201	-.116	.00000	-.10940	.08688	.16086	.05447	.10641	-.00847	.00258	-.00012	-.67704
1.202	2.102	.00000	.02292	.05854	.16080	.05579	.10501	-.00719	.00152	-.00026	.10531
1.201	4.378	.00000	.15782	.03259	.15880	.05660	.10220	-.00581	.00101	-.00094	.85241
1.201	6.513	.00000	.28112	.01251	.15505	.05692	.09813	-.00376	.00040	-.00146	1.40760
1.200	10.902	.00000	.53564	-.01708	.14630	.05857	.08773	.00022	-.00079	-.00276	2.03418
1.200	15.358	.00000	.78980	-.04174	.14563	.06568	.07995	.00180	-.00184	-.00102	2.06818
1.201	19.659	.00000	.99534	-.04680	.14138	.07053	.07085	.00395	-.00347	-.00028	1.90126
1.200	22.885	.00000	1.12070	-.03449	.13876	.07487	.06389	-.00093	-.00203	.00028	1.73602
	GRADIENT	.00000	.06019	-.01273	-.00023	.00038	-.00061	.00035	-.00035	-.00013	.33920

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (VAR5) (RHL011) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	10.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	10.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 29/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.168	.00000	-.14443	.05210	.15370	.05654	.09716	-.00612	.00261	-.00150	-.87085
1.201	.020	.00000	-.01046	.02219	.15590	.05705	.09885	-.00684	.00206	-.00185	-.06743
1.201	2.209	.00000	.12129	-.00497	.15613	.05780	.09833	-.00684	.00150	-.00264	.71684
1.201	4.382	.00000	.24581	-.02739	.15499	.05811	.09688	-.00577	.00115	-.00277	1.34574
1.201	6.770	.00000	.38946	-.05878	.14792	.05894	.08898	-.00103	-.00002	-.00377	2.08860
1.200	13.165	.00000	.74925	-.08983	.14779	.06436	.08343	.00164	-.00078	-.00497	2.21228
1.200	17.556	.00000	.98290	-.10735	.14902	.07193	.07709	.00238	-.00182	-.00239	2.03433
1.200	21.886	.00000	1.16777	-.10122	.14489	.07689	.06800	.00136	-.00188	-.00179	1.80709
	GRADIENT	.00000	.05964	-.01216	.00019	.00025	-.00006	.00005	-.00023	-.00021	.34043

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LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHL012) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-10.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	-10.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 30/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.200	.00000	-.20382	.09350	.15420	.05570	.09850	-.00530	.00239	.00044	-1.22139
1.200	-.009	.00000	-.06523	.05972	.15395	.05560	.09835	-.00685	.00172	.00038	-.42352
1.200	2.181	.00000	.07090	.02861	.15364	.05660	.09704	-.00611	.00098	-.00014	.41609
1.200	4.365	.00000	.19738	.00432	.15190	.05723	.09467	-.00444	.00021	-.00132	1.11275
1.200	8.737	.00000	.44529	-.02914	.14417	.05831	.08585	-.00164	-.00033	-.00170	1.99034
1.199	13.142	.00000	.70171	-.05600	.14272	.06431	.07841	.00093	-.00114	-.00145	2.18030
1.200	17.535	.00000	.93712	-.07451	.14397	.07275	.07124	.00241	-.00248	-.00048	2.02608
1.199	21.867	.00000	1.12333	-.06856	.13982	.07829	.06153	.00023	-.00243	-.00009	1.80685
	GRADIENT	.00000	.06122	-.01365	-.00033	.00026	-.00058	.00015	-.00033	-.00026	.35834

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHL013) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	-20.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 12/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.232	.00000	-.22934	.10884	.16124	.05699	.10425	-.00581	.00238	.00109	-1.31071
1.200	-.053	.00000	-.09109	.07382	.15891	.05631	.10259	-.00646	.00168	.00074	-.57198
1.200	2.226	.00000	.05245	.04029	.15626	.05638	.09987	-.00575	.00069	.00014	.29299
1.200	4.319	.00000	.18052	.01371	.15399	.05676	.09724	-.00556	.00028	-.00029	1.00750
1.200	8.675	.00000	.43412	-.02382	.14686	.05805	.08881	-.00287	-.00006	-.00046	1.93204
1.200	13.168	.00000	.69502	-.05127	.14501	.06347	.08154	.00059	-.00122	-.00076	2.14916
1.200	17.507	.00000	.92667	-.06703	.14634	.06968	.07666	.00242	-.00229	-.00021	2.00737
1.200	21.889	.00000	1.12055	-.06374	.14222	.07689	.06532	.00170	-.00266	-.00020	1.79501
1.199	22.896	.00000	1.16332	-.06242	.13861	.07766	.06095	-.00082	-.00194	-.00006	1.75388
	GRADIENT	.00000	.06261	-.01455	-.00111	-.00003	-.00108	.00007	-.00033	-.00022	.35664

LARC8-686 (OA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL014) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -40.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -40.000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 45 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-.090	.00000	-.14145	.10191	.17466	.05442	.12024	-.00980	.00360	.00081	-.80725
1.201	2.102	.00000	.00822	.06234	.16700	.05640	.11060	-.00843	.00180	.00098	.01252
1.201	4.306	.00000	.14491	.03268	.16222	.05709	.10513	-.00708	.00125	.00064	.76646
1.201	8.690	.00000	.41827	-.01559	.14735	.05740	.08995	-.00299	.00045	.00088	1.87309
1.199	13.127	.00000	.68353	-.04534	.14572	.06381	.08191	.00170	-.00132	.00028	2.12881
1.200	17.501	.00000	.91919	-.06289	.14825	.07191	.07635	.00472	-.00276	.00010	1.99150
1.199	21.851	.00000	1.11160	-.05904	.14594	.07773	.06821	.00261	-.00256	-.00024	1.77978
	GRADIENT	.00000	.06514	-.01575	-.00283	.00061	-.00344	.00062	-.00053	-.00004	.35797

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LARC8-686 (OA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL015) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = 10.000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 28 / 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.007	.00000	.00611	-.04677	.07655	.03964	.03691	-.00015	-.00023	-.00429	.11523
.350	.017	.00000	.09857	-.04762	.07709	.03925	.03784	-.00148	-.00057	-.00409	1.27779
.350	2.060	.00000	.18872	-.04941	.07483	.03879	.03603	-.00183	-.00151	-.00360	2.27924
.349	4.104	.00000	.28065	-.05002	.06892	.03782	.03110	-.00032	-.00194	-.00385	3.09578
.349	8.198	.00000	.47674	-.05241	.04808	.03644	.01164	.00239	-.00246	-.00362	4.02380
.349	12.302	.00000	.69430	-.05621	.02418	.03735	-.01317	.00437	-.00296	-.00271	3.92413
.349	16.426	.00000	.94759	-.07230	.01720	.04125	-.02404	.00905	-.00522	-.00165	3.17813
.348	20.554	.00000	1.20820	-.08703	.01794	.05310	-.03515	-.00171	-.00147	-.00040	2.55100
	GRADIENT	.00000	.04484	-.00057	-.00124	-.00029	-.00095	-.00004	-.00030	.00009	.48790

LARC8-686 (CA-116) (826C9F8M16N28) (M16E43) (V8R5) (RHUD15) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = 10.000 RUDDER = .000
SFDBRK = 25.000

RUN NO. 27 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.063	.00000	-.00119	-.04824	.07749	.04210	.03539	.00014	.00022	-.00476	.02065
.599	.064	.00000	.09623	-.04983	.07812	.04156	.03655	-.00149	-.00049	-.00452	1.22907
.599	2.199	.00000	.20140	-.05205	.07514	.04086	.03428	-.00171	-.00119	-.00428	2.39545
.600	4.323	.00000	.30611	-.05471	.06840	.03954	.02886	-.00157	-.00146	-.00456	3.28739
.599	8.573	.00000	.52454	-.05995	.04614	.03872	.00742	.00124	-.00178	-.00421	4.13356
.599	12.853	.00000	.76544	-.07143	.04044	.04124	-.00080	.00756	-.00441	-.00473	3.51589
.599	17.120	.00000	.99012	-.07545	.04538	.04799	-.00261	-.00079	-.00107	.00370	2.78610
.599	21.433	.00000	1.25142	-.08184	.05907	.06014	-.02107	-.01461	.00216	.00551	2.33082
	GRADIENT	.00000	.04824	-.00102	-.00142	-.00039	-.00103	-.00025	-.00027	.00004	.51506

RUN NO. 26 / 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.160	.00000	-.07596	-.02402	.09367	.04578	.04790	-.00287	.00119	-.00254	-.75027
.901	.057	.00000	.06005	-.03691	.09385	.04433	.04953	-.00392	.00056	-.00323	.63843
.901	2.269	.00000	.19392	-.05123	.09282	.04261	.05021	-.00297	-.00049	-.00351	1.89295
.901	4.454	.00000	.32318	-.06418	.09217	.04230	.04988	.00068	-.00173	-.00498	2.69279
.901	8.856	.00000	.55833	-.08256	.09376	.04327	.05050	.00196	-.00197	-.00332	3.00799
.900	13.224	.00000	.79273	-.10195	.09992	.04938	.05054	.00401	-.00229	-.00179	2.68783
.901	17.624	.00000	1.03011	-.11117	.10621	.05900	.04721	-.00746	.00157	.00129	2.29865
.900	21.914	.00000	1.15336	-.06061	.11338	.07697	.03641	-.02743	.00559	.00793	1.91869
	GRADIENT	.00000	.06037	-.00611	-.00025	-.00055	.00030	.00052	-.00044	-.00034	.52544

RUN NO. 25 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.139	.00000	-.08055	.00405	.15870	.05951	.09919	-.00642	.00310	-.00269	-.46148
1.201	.046	.00000	.05164	-.02594	.16053	.05969	.10084	-.00666	.00237	-.00333	.32078
1.201	2.244	.00000	.18254	-.05258	.16205	.06021	.10184	-.00694	.00192	-.00412	1.04133
1.201	4.429	.00000	.30887	-.07594	.16154	.06062	.10091	-.00557	.00162	-.00413	1.59795
1.201	8.815	.00000	.56214	-.11274	.15683	.06199	.09484	-.00143	.00060	-.00466	2.20414
1.199	13.224	.00000	.82205	-.14105	.15581	.06555	.09026	.00057	.00009	-.00533	2.25060
1.199	17.607	.00000	1.05870	-.16023	.15800	.07116	.08683	.00121	-.00088	-.00277	2.04173
1.200	21.933	.00000	1.24646	-.15369	.15551	.07602	.07949	.00030	-.00099	-.00077	1.80073
	GRADIENT	.00000	.05932	-.01217	.00046	.00018	.00028	.00010	-.00022	-.00021	.31499

LARC8-686 (CA-116) B26C9F8M16N28) 0416E43) (V8R5) (RHU016) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 20.000
ELV-LI = 20.000 ELV-RI = 20.000
ELV-RO = 20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 24 / 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-1.954	.00000	.15484	-.11655	.10259	.04248	.06011	.00521	-.00186	-.00569	1.62716
.350	.087	.00000	.24236	-.11861	.10377	.04242	.06135	.00346	-.00263	-.00523	2.32577
.350	2.141	.00000	.33399	-.11935	.10040	.04193	.05846	.00244	-.00343	-.00487	2.92536
.350	4.176	.00000	.43103	-.12533	.09119	.04184	.04935	.00005	-.00429	-.00571	3.45967
.350	8.272	.00000	.63270	-.13118	.07082	.04089	.02973	.00166	-.00422	-.00431	3.82803
.350	12.378	.00000	.86358	-.14381	.04862	.04213	.00850	.00534	-.00505	-.00265	3.58152
.350	16.489	.00000	1.10189	-.15354	.05052	.04623	.00429	.00457	-.00515	-.00249	2.88556
.349	20.605	.00000	1.35450	-.16167	.04558	.05365	-.00807	-.00422	-.00289	-.00030	2.41037
	GRADIENT	.00000	.04501	-.00132	-.00184	-.00012	-.00172	-.00081	-.00040	.00001	.29824

RUN NO. 23 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-1.957	.00000	.13968	-.11969	.10482	.04551	.05931	.00319	-.00107	-.00537	1.43085
.600	.194	.00000	.24197	-.12238	.10576	.04506	.06070	.00200	-.00146	-.00501	2.26704
.599	2.308	.00000	.34677	-.12565	.10244	.04429	.05814	.00084	-.00183	-.00486	2.94326
.600	4.432	.00000	.45103	-.12794	.09499	.04310	.05190	.00224	-.00215	-.00506	3.41404
.599	8.729	.00000	.70282	-.14598	.07540	.04314	.03226	.00437	-.00239	-.00472	3.77083
.599	12.974	.00000	.91766	-.15015	.07595	.04662	.02933	.00739	-.00360	-.00205	3.13239
.598	17.240	.00000	1.12708	-.14496	.07784	.05294	.02490	.00502	-.00173	.00157	2.57933
.599	21.529	.00000	1.36653	-.14168	.07168	.06344	.00824	-.02630	.00395	.01279	2.19112
	GRADIENT	.00000	.04895	-.00132	-.00155	-.00038	-.00117	-.00019	-.00017	.00005	.31225

RUN NO. 22 / 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.026	.00000	.06678	-.10686	.12797	.05115	.07682	-.00641	.00217	-.00072	.56772
.901	.182	.00000	.20802	-.12517	.13096	.04989	.08107	-.00507	.00108	-.00114	1.57734
.902	2.415	.00000	.35339	-.14526	.13172	.04869	.08302	-.00409	.00021	-.00154	2.37230
.900	4.639	.00000	.49236	-.16391	.12874	.04800	.08074	-.00146	-.00090	-.00248	2.85683
.900	9.006	.00000	.71613	-.17158	.12960	.04956	.08004	.00289	-.00220	-.00108	2.86136
.901	13.372	.00000	.93234	-.17941	.13742	.05508	.08234	.00575	-.00221	-.00089	2.50569
.900	17.732	.00000	1.12654	-.17067	.14467	.06715	.07753	-.01412	.00283	.00457	2.13962
.900	22.005	.00000	1.23701	-.11057	.14842	.08671	.06170	-.02518	.00454	.00857	1.81552
	GRADIENT	.00000	.06398	-.00860	.00014	-.00048	.00062	.00071	-.00045	-.00026	.34463

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL016) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	20.000
ELV-LI =	20.000	ELV-RI =	20.000
ELV-RO =	20.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 21 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.064	.00000	.01113	-.06597	.18511	.06223	.12288	-.00551	.00306	-.00243	.09638
1.200	.131	.00000	.15084	-.09801	.18690	.06197	.12493	-.00555	.00241	-.00278	.80327
1.201	2.314	.00000	.28777	-.12818	.18883	.06232	.12651	-.00521	.00169	-.00285	1.39752
1.200	4.514	.00000	.41948	-.15425	.18990	.06323	.12667	-.00421	.00157	-.00286	1.81371
1.199	8.927	.00000	.68390	-.19206	.18685	.06551	.12133	-.00127	.00071	-.00245	2.22428
1.199	13.324	.00000	.93513	-.21192	.18990	.07031	.11959	.00048	.00043	-.00179	2.16391
1.199	17.704	.00000	1.16021	-.21949	.19390	.07488	.11902	.00125	-.00068	.00031	1.94643
1.200	22.031	.00000	1.33423	-.20329	.18879	.07646	.11233	.00009	-.00101	.00129	1.72618
	GRADIENT	.00000	.06214	-.01346	.00074	.00015	.00059	.00019	-.00024	-.00006	.26216

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL017) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-10.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-10.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 16 / 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.349	-2.121	.00000	-.32455	.11183	.07556	.03190	.04366	-.00813	-.00153	.00526	-3.67375
.350	-.048	.00000	-.23290	.10906	.07843	.03153	.04690	-.01048	-.00183	.00517	-2.96137
.350	2.017	.00000	-.13781	.10817	.07698	.03096	.04603	-.01040	-.00227	.00496	-1.94827
.350	4.020	.00000	-.04852	.10705	.07267	.03033	.04254	-.00891	-.00264	.00495	-.77227
.350	8.164	.00000	.14512	.10604	.05339	.02905	.02434	-.00513	-.00331	.00421	1.85243
.350	12.263	.00000	.34900	.10670	.02981	.03056	-.00074	-.00270	-.00338	.00346	3.24140
.350	16.313	.00000	.58602	.09420	.01902	.03564	-.01662	-.00216	-.00403	.00432	3.04651
.349	20.413	.00000	.82210	.08967	.01230	.04217	-.02987	-.00593	-.00298	.00280	2.56879
	GRADIENT	.00000	.04506	-.00074	-.00046	-.00026	-.00020	-.00011	-.00018	-.00006	.47390

LARC8-686 (CA-116) (826C9F8M16N28) (6416E43) (V8R5) (RHL017) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -10.000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 15/ 0 RN/L = 3.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-2.345	.00000	-.34451	.12145	.07663	.03429	.04235	-.00746	.00072	.00666	-3.76253
.599	-.139	.00000	-.23928	.11767	.07902	.03370	.04532	-.01051	.00050	.00655	-3.00337
.599	2.022	.00000	-.13765	.11547	.07712	.03316	.04396	-.01179	.00002	.00654	-1.94260
.599	4.024	.00000	-.04275	.11310	.07230	.03227	.04004	-.00958	-.00048	.00622	-.69031
.599	8.393	.00000	.17203	.11172	.05073	.03081	.01992	-.00488	-.00113	.00559	2.16187
.599	12.598	.00000	.40747	.10107	.03622	.03360	.00262	.00020	-.00290	.00358	3.13770
.599	16.940	.00000	.64416	.09808	.03280	.03937	-.00657	-.00342	-.00133	.00354	2.78926
.596	21.167	.00000	.89438	.08841	.02787	.04738	-.01951	-.00775	-.00015	.00433	2.36146
	GRADIENT	.00000	.04736	-.00128	-.00068	-.00031	-.00037	-.00038	-.00019	-.00006	.48207

RUN NO. 14/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.426	.00000	-.39652	.17265	.10697	.03825	.06872	-.00796	.00202	.00311	-3.16699
.900	-.177	.00000	-.24935	.15429	.10591	.03744	.06848	-.00896	.00134	.00298	-2.33416
.900	2.051	.00000	-.11294	.13469	.10237	.03681	.06556	-.00843	.00024	.00231	-1.18593
.901	4.220	.00000	.03548	.11081	.09872	.03593	.06279	-.00525	-.00087	.00194	.25883
.900	8.665	.00000	.30683	.07696	.09342	.03530	.05813	.00141	-.00340	-.00066	2.08720
.900	13.078	.00000	.53779	.06462	.09457	.03886	.05571	.00014	-.00190	-.00130	2.34993
.901	17.459	.00000	.75719	.06215	.09796	.04650	.05146	-.00716	.00043	.00198	2.16118
.901	21.800	.00000	.93117	.08838	.10127	.05998	.04129	-.01575	.00229	.00585	1.88016
	GRADIENT	.00000	.06435	-.00925	-.00127	-.00034	-.00093	.00039	-.00044	-.00019	.51493

RUN NO. 13/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.267	.00000	-.27766	.14154	.16467	.05394	.11073	-.00890	.00418	.00149	-1.54352
1.200	-.039	.00000	-.13278	.10542	.16359	.05421	.10938	-.01027	.00322	.00125	-.81056
1.200	2.144	.00000	-.00135	.07467	.16305	.05579	.10726	-.00850	.00204	.00076	-.04573
1.200	4.337	.00000	.13289	.04798	.16067	.05698	.10369	-.00665	.00137	-.00009	.70692
1.200	8.663	.00000	.38685	.01030	.15104	.05743	.09362	-.00263	.00032	-.00067	1.73269
1.200	13.104	.00000	.64574	-.01658	.14664	.06255	.08409	.00154	-.00132	-.00045	2.05961
1.200	17.426	.00000	.88286	-.03669	.14317	.06765	.07552	.00212	-.00169	.00061	1.99366
1.200	21.818	.00000	1.06564	-.02723	.13978	.07426	.06552	.00150	-.00192	.00073	1.78260
	GRADIENT	.00000	.06198	-.01416	-.00057	.00049	-.00106	.00039	-.00044	-.00024	.34170

ORIGINAL PAGE IS
OF POOR QUALITY

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL018) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	-20.000	ELV-RI =	-20.000
ELV-RO =	-20.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 20/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.348	-2.144	.00000	-.44121	.16694	.09501	.02938	.06562	-.00417	-.00395	.00974	-3.92434
.348	-.071	.00000	-.35022	.16395	.09855	.02929	.06926	-.00733	-.00419	.01011	-3.53676
.348	1.931	.00000	-.26129	.16302	.09870	.02941	.06930	-.01045	-.00435	.01066	-2.94357
.348	3.994	.00000	-.16760	.15818	.09509	.02925	.06585	-.00892	-.00439	.01069	-2.08938
.348	8.096	.00000	.02408	.15926	.07771	.02924	.04847	-.00650	-.00465	.00998	.16047
.348	12.163	.00000	.22823	.15809	.05481	.03032	.02449	-.00450	-.00479	.01050	2.08086
.347	16.308	.00000	.44996	.15586	.04282	.03369	.00913	-.00773	-.00457	.00978	2.50722
.347	20.453	.00000	.66575	.16320	.03410	.03930	-.00520	-.00871	-.00473	.00662	2.31473
	GRADIENT	.00000	.04456	-.00133	.00002	-.00001	.00004	-.00085	-.00007	.00017	.29864

RUN NO. 19/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.601	-2.373	.00000	-.45456	.17434	.09916	.03211	.06705	-.00532	.00004	.00978	-3.81736
.598	-.275	.00000	-.35449	.16973	.10159	.03244	.06915	-.00850	-.00014	.00923	-3.42732
.599	1.867	.00000	-.24965	.16575	.10085	.03171	.06914	-.00952	-.00061	.00934	-2.72824
.600	4.114	.00000	-.14130	.16098	.09518	.03145	.06373	-.00774	-.00110	.00926	-1.74262
.600	8.260	.00000	.06403	.15811	.07517	.03070	.04447	-.00552	-.00152	.00890	.62881
.599	12.474	.00000	.29542	.15140	.05589	.03244	.02345	-.00125	-.00322	.00982	2.33456
.599	16.798	.00000	.51917	.15493	.05490	.03760	.01730	-.00621	-.00106	.00937	2.37491
.599	21.067	.00000	.74877	.15502	.05142	.04479	.00663	-.00915	-.00014	.00859	2.14496
	GRADIENT	.00000	.04836	-.00204	-.00060	-.00013	-.00047	-.00038	-.00018	-.00007	.32135

RUN NO. 18/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.516	.00000	-.50818	.23038	.13792	.03838	.09954	-.00705	.00120	.00179	-3.13329
.901	-.312	.00000	-.37151	.21439	.13731	.03752	.09979	-.00875	.00066	.00242	-2.66087
.901	1.871	.00000	-.24122	.19811	.13230	.03676	.09554	-.00726	-.00061	.00211	-1.97340
.901	4.123	.00000	-.08473	.17131	.12315	.03587	.08727	-.00473	-.00156	.00143	-.79979
.901	8.647	.00000	.23381	.11633	.10959	.03421	.07538	.00301	-.00456	-.00024	1.49604
.901	13.036	.00000	.50959	.08173	.10783	.04004	.06780	.00135	-.00384	-.00088	2.14605
.901	17.373	.00000	.71723	.08598	.11320	.04851	.06469	-.00687	-.00112	.00063	2.01963
.901	21.736	.00000	.88954	.11392	.11848	.05987	.05861	-.01716	.00223	.00741	1.78031
	GRADIENT	.00000	.06339	-.00876	-.00224	-.00038	-.00186	.00038	-.00043	-.00006	.34825

LARC8-686 (OA-116) (826C9F8M16N28) (M16E43) (V8R5) (RHL018) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 956.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -20.000 ELV-RI = -20.000
ELV-RO = -20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 17 / 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.378	.00000	-.37866	.19992	.19288	.05379	.13909	-.01015	.00389	.00035	-1.77684
1.201	-.181	.00000	-.23207	.16095	.16806	.05340	.13466	-.01167	.00291	.00091	-1.22610
1.200	2.034	.00000	-.08221	.12282	.16250	.05325	.12905	-.00761	.00077	-.00051	-.49439
1.200	4.279	.00000	.05518	.09354	.17753	.05368	.12385	-.00543	-.00026	-.00055	.25062
1.200	8.662	.00000	.32704	.04648	.16822	.05781	.11041	.00007	-.00238	-.00149	1.38235
1.200	13.052	.00000	.58556	.01969	.16350	.06277	.10073	.00358	-.00347	-.00234	1.83010
1.199	17.432	.00000	.82675	-.00077	.15919	.06842	.09078	.00272	-.00296	-.00023	1.85479
1.199	21.753	.00000	1.01706	.00541	.15171	.07337	.07834	-.00136	-.00204	.00058	1.71566
	GRADIENT	.00000	.06541	-.01610	-.00234	-.00002	-.00231	.00082	-.00066	-.00017	.30450

LARC8-686 (OA-116) (826C9F8M16N28) (M16E43) (V8R5) (RHL019) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 956.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 86 / 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.207	.00000	-.30100	.15563	.17193	.05447	.11747	-.01080	.00426	.00011	-1.60392
1.200	-.058	.00000	-.15260	.11637	.16794	.05462	.11331	-.00915	.00230	.00058	-.90682
1.201	2.109	.00000	-.00978	.08134	.16580	.05605	.10974	-.00722	.00112	.00073	-.09604
1.200	4.290	.00000	.12398	.05339	.16339	.05747	.10592	-.00626	.00056	.00038	.64696
1.200	8.672	.00000	.38274	.01377	.15299	.05782	.09516	-.00263	-.00063	-.00061	1.70045
1.200	13.197	.00000	.64503	-.01367	.14913	.06289	.08624	.00167	-.00209	-.00064	2.03093
1.200	17.496	.00000	.87814	-.03127	.14547	.06805	.07741	.00146	-.00248	.00041	1.97090
1.199	21.753	.00000	1.06461	-.02289	.14278	.07551	.06726	.00104	-.00282	.00046	1.77534
	GRADIENT	.00000	.06546	-.01578	-.00128	.00048	-.00176	.00072	-.00056	.00004	.34923

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHU020) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-30.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-30.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 59/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.312	.00000	-.33580	.17328	.18282	.05476	.12806	-.01034	.00419	-.00029	-1.67240
1.201	-.094	.00000	-.17992	.13082	.17436	.05439	.11997	-.01256	.00420	.00101	-1.02848
1.200	2.130	.00000	-.03055	.09301	.16913	.05576	.11337	-.00951	.00243	.00108	-.21930
1.200	4.274	.00000	.10781	.06186	.16496	.05716	.10780	-.00601	.00095	.00103	.55185
1.200	8.684	.00000	.37678	.01585	.15257	.05781	.09476	-.00275	-.00010	-.00011	1.68225
1.200	13.041	.00000	.63105	-.00851	.15054	.06289	.08766	.00299	-.00175	.00004	2.00935
1.200	17.479	.00000	.86877	-.02534	.14840	.06832	.08009	.00550	-.00370	-.00052	1.94809
1.201	21.799	.00000	1.06058	-.02111	.14433	.07549	.06884	.00304	-.00348	-.00006	1.76399
	GRADIENT	.00000	.06735	-.01693	-.00268	.00039	-.00307	.00073	-.00052	.00018	.34028

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHU021) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-40.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-40.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 46/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.386	.00000	-.37596	.19102	.19976	.05673	.14303	-.01127	.00497	.00213	-1.70657
1.200	-.170	.00000	-.22193	.14953	.19108	.05510	.13598	-.01293	.00467	.00118	-1.15454
1.201	2.051	.00000	-.06616	.10911	.17872	.05504	.12369	-.01200	.00325	-.00137	-.41146
1.201	4.246	.00000	.08183	.07331	.17049	.05682	.11366	-.00949	.00249	.00091	.39178
1.201	8.658	.00000	.36350	.02077	.15402	.05781	.09622	-.00395	.00002	.00038	1.62412
1.199	13.071	.00000	.62611	-.00809	.14934	.06270	.08663	.00068	-.00088	.00051	2.00686
1.199	17.458	.00000	.86257	-.02460	.14690	.06858	.07832	.00490	-.00294	.00068	1.95221
1.200	21.786	.00000	1.05391	-.02069	.14435	.07538	.06897	.00307	-.00297	.00018	1.76138
	GRADIENT	.00000	.06914	-.01780	-.00453	.00001	-.00454	.00028	-.00040	-.00016	.31817

LARC8-686 (OA-116) @25C9F8M16N28) 0416E43) (WR8) (RHU022) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6117 INCHES YMRP = .0000 IN. YO
BREF = 936.6617 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 37 / 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.056	.00000	-.16458	.03437	.06953	.03538	.03415	-.00882	.00144	.01513	-2.14847
.351	-.003	.00000	-.07262	.03184	.07193	.03519	.03673	-.01083	.00118	.01524	-1.00956
.350	2.072	.00000	.01914	.03104	.07025	.03495	.03529	-.01114	.00094	.01577	.23396
.351	4.095	.00000	.10984	.02881	.06482	.03400	.03082	-.01244	.00084	.01611	1.44736
.350	8.219	.00000	.30392	.02671	.04471	.03316	.01156	-.01083	.00066	.01656	3.35694
.350	12.239	.00000	.51224	.02651	.02139	.03449	-.01310	-.00711	-.00052	.01527	5.83085
.350	16.376	.00000	.76954	.00876	.01290	.03936	-.02646	-.00588	-.00091	.01563	5.20342
.349	20.516	.00000	1.00904	-.00086	.00855	.04794	-.03938	-.00750	-.00138	.01139	2.60486
	GRADIENT	.00000	.04457	-.00085	-.00077	-.00021	-.00055	-.00054	-.00010	.00017	.58606

RUN NO. 36 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.135	.00000	-.17778	.03988	.07022	.03771	.03252	-.00983	.00233	.01606	-2.27925
.600	-.093	.00000	-.08272	.03736	.07213	.03736	.03477	-.01262	.00225	.01608	-1.14301
.600	2.063	.00000	.02262	.03518	.06979	.03668	.03311	-.01317	.00190	.01659	.26471
.599	4.255	.00000	.12516	.03368	.06366	.03578	.02788	-.01188	.00156	.01726	1.65027
.599	8.407	.00000	.33464	.03143	.04205	.03486	.00719	-.01015	.00094	.01705	3.58910
.599	12.785	.00000	.58728	.01419	.03094	.03769	-.00675	-.00457	-.00097	.01562	3.53369
.599	17.067	.00000	.81404	.01157	.03086	.04457	-.01371	-.00532	-.00075	.01503	2.86548
.600	21.344	.00000	1.08236	-.00162	.02632	.05479	-.02647	-.01160	-.00003	.01365	2.38626
	GRADIENT	.00000	.04756	-.00097	-.00105	-.00030	-.00074	-.00050	-.00012	.00019	.62000

RUN NO. 35 / 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-2.217	.00000	-.20239	.05129	.07515	.03854	.03661	-.01123	.00368	.01668	-2.40391
.601	-.058	.00000	-.08671	.04374	.07626	.03772	.03854	-.01346	.00314	.01518	-1.13475
.601	2.180	.00000	.03058	.03900	.07401	.03663	.03737	-.01519	.00255	.01570	.36941
.601	4.293	.00000	.14487	.03518	.06814	.03540	.03274	-.01273	.00188	.01639	1.78659
.600	8.720	.00000	.38941	.02208	.05760	.03495	.02265	-.00883	.00084	.01550	3.24366
.601	13.098	.00000	.61740	.00909	.06123	.03926	.02197	-.00329	-.00071	.01266	2.94403
.600	17.539	.00000	.86084	.00110	.06461	.04854	.01607	-.00696	.00016	.01534	2.49626
.600	21.928	.00000	1.04252	-.02349	.06871	.06165	.00706	-.01672	.00138	.02093	2.07793
	GRADIENT	.00000	.05324	-.00244	-.00107	-.00048	-.00058	-.00029	-.00028	-.00002	.64415

ORIGINAL PAGE IS
OF POOR QUALITY

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHU022) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	10.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	-10.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 34/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.274	.00000	-.21633	.06317	.08920	.04240	.04680	-.01564	.00584	.01515	-2.17601
.900	-.094	.00000	-.08336	.04907	.08936	.04127	.04809	-.01683	.00498	.01387	-.92976
.900	2.153	.00000	.05518	.03304	.09000	.04018	.04984	-.01696	.00393	.01238	.56255
.901	4.369	.00000	.18398	.02052	.08560	.03890	.04670	-.01003	.00134	.00893	1.78045
.901	8.780	.00000	.41435	.00711	.08326	.03853	.04473	-.00129	-.00125	.00689	2.72656
.902	13.088	.00000	.64566	-.00994	.08636	.04282	.04354	.00396	-.00185	.00780	2.64548
.900	17.511	.00000	.88597	-.02363	.09036	.05155	.03881	-.00078	-.00074	.01079	2.31669
.900	21.838	.00000	1.05336	.00535	.09519	.06735	.02783	-.00788	.00016	.01376	1.96245
	GRADIENT	.00000	.06040	-.00649	-.00046	-.00052	.00006	.00075	-.00066	-.00091	.60260

RUN NO. 33/ 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.980	-2.160	.00000	-.22318	.08855	.13395	.05927	.07468	-.01388	.00612	.01504	-1.53211
.981	.009	.00000	-.08373	.06588	.13213	.05795	.07418	-.01535	.00567	.01414	-.63392
.980	2.181	.00000	.05809	.04270	.12900	.05659	.07242	-.01324	.00394	.01328	.40525
.980	4.398	.00000	.20485	.01688	.12694	.05618	.07076	-.00966	.00227	.01134	1.36718
.980	8.773	.00000	.47462	-.02004	.12378	.05933	.06445	-.00515	.00058	.00908	2.31199
.980	13.200	.00000	.72944	-.04445	.12898	.06859	.06038	.00350	-.00328	.00858	2.33013
.980	17.644	.00000	.98907	-.06962	.12986	.07744	.05242	.01626	-.00955	.00495	2.13241
.980	22.100	.00000	1.22011	-.07452	.12868	.08639	.04249	.01127	-.00727	.00645	1.87049
	GRADIENT	.00000	.06527	-.01090	-.00111	-.00049	-.00062	.00068	-.00061	-.00055	.44571

RUN NO. 32/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.173	.00000	-.17812	.07448	.15388	.05619	.09769	-.00475	.00209	.01058	-1.07246
1.201	.049	.00000	-.04009	.04258	.15489	.05664	.09825	-.00489	.00102	.00899	-.25977
1.201	2.238	.00000	.09315	.01398	.15541	.05749	.09792	-.00485	.00015	.00804	.54745
1.201	4.381	.00000	.21956	-.01081	.15407	.05825	.09582	-.00383	-.00021	.00656	1.21577
1.201	8.772	.00000	.46575	-.04235	.14511	.05905	.08606	-.00154	-.00113	.00510	2.04334
1.201	13.124	.00000	.72013	-.07052	.14457	.06476	.07981	.00255	-.00290	.00551	2.19685
1.200	17.571	.00000	.95901	-.08677	.14608	.07275	.07333	.00369	-.00425	.00677	2.02940
1.200	21.891	.00000	1.14387	-.08253	.14178	.07778	.06401	.00282	-.00450	.00710	1.80724
	GRADIENT	.00000	.06070	-.01302	.00005	.00032	-.00027	.00013	-.00036	-.00060	.35120

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL023) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 40/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.158	.00000	-.19911	.08931	.15597	.05589	.10008	-.00144	-.00149	-.01015	-1.18202
1.200	-.032	.00000	-.06347	.05575	.15528	.05596	.09930	-.00457	-.00098	-.00917	-.40813
1.200	2.228	.00000	.07246	.02504	.15449	.05665	.09783	-.00525	-.00067	-.00856	.42240
1.200	4.381	.00000	.20478	-.00010	.15381	.05734	.09647	-.00441	-.00069	-.00851	1.13662
1.200	8.751	.00000	.45170	-.03334	.14609	.05895	.08714	-.00587	-.00066	-.00572	1.99062
1.200	13.180	.00000	.71037	-.06076	.14471	.06448	.08023	-.00067	-.00110	-.00658	2.17475
1.200	17.530	.00000	.94578	-.07805	.14631	.07229	.07403	.00015	-.00197	-.00633	2.01954
1.200	21.823	.00000	1.13035	-.07290	.14219	.07847	.06371	-.00255	-.00148	-.00581	1.80461
	GRADIENT	.00000	.06159	-.01366	-.00033	.00023	-.00056	-.00044	.00011	.00025	.35622

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LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHL024) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -30.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 47/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.237	.00000	-.23246	.10921	.16258	.05534	.10724	.00677	-.00591	-.00739	-1.31721
1.201	-.051	.00000	-.08647	.07210	.15912	.05522	.10391	.00286	-.00427	-.00652	-.55483
1.200	2.143	.00000	.05120	.03982	.15687	.05590	.10097	.00135	-.00360	-.00603	.28547
1.200	4.343	.00000	.18388	.01206	.15486	.05657	.09829	.00026	-.00281	-.00583	1.01950
1.200	8.735	.00000	.44312	-.02722	.14567	.05818	.08749	-.00064	-.00160	-.00355	1.96825
1.199	13.139	.00000	.69717	-.05290	.14450	.06437	.08013	-.00044	-.00171	-.00324	2.15943
1.198	17.508	.00000	.92997	-.06934	.14650	.07217	.07435	.00063	-.00289	-.00319	2.00914
1.200	21.855	.00000	1.11899	-.06486	.14266	.07621	.06645	-.00314	-.00197	-.00241	1.79510
	GRADIENT	.00000	.06331	-.01476	-.00116	.00020	-.00136	-.00096	.00045	.00024	.35791

LARC8-686 (OA-116) @26C9F(M16N28) (W16E43) (V8R5) (RHL025) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 31/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.162	.00000	-.11274	.02606	.15798	.05852	.09946	-.00446	.00231	.00693	-.65819
1.201	.037	.00000	.02240	-.00478	.15923	.05874	.10050	-.00532	.00125	.00790	.13999
1.201	2.213	.00000	.15289	-.03207	.16079	.05975	.10104	-.00518	.00042	.00722	.87990
1.201	4.385	.00000	.27863	-.05686	.16064	.06030	.10034	-.00561	-.00008	.00613	1.46316
1.200	8.816	.00000	.53329	-.09222	.15286	.06134	.09152	-.00013	-.00157	.00529	2.16324
1.200	13.212	.00000	.78986	-.11960	.15163	.06531	.08633	.00260	-.00264	.00512	2.23774
1.200	17.651	.00000	1.03187	-.14030	.15362	.07135	.08227	.00389	-.00417	.00672	2.03956
1.200	21.918	.00000	1.22148	-.13569	.14993	.07624	.07369	.00526	-.00542	.00745	1.81036
	GRADIENT	.00000	.05980	-.01265	.00044	.00029	.00015	.00012	-.00037	-.00042	.32567

LARC8-686 (OA-116) @26C9F8M16N28) (W16E43) (V8R5) (RHL026) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 38/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.234	.00000	-.24683	.12085	.16368	.05437	.10932	-.01069	.00488	.01206	-1.38736
1.199	-.021	.00000	-.10800	.08848	.16343	.05484	.10859	-.01008	.00327	.00984	-.66028
1.200	2.157	.00000	.02558	.05863	.16355	.05615	.10740	-.00823	.00165	.00863	.11805
1.199	4.312	.00000	.15393	.03357	.16168	.05718	.10451	-.00631	.00072	.00767	.81793
1.200	8.777	.00000	.41204	-.00315	.15185	.05785	.09401	-.00163	-.00084	.00615	1.80349
1.200	13.075	.00000	.66473	-.03150	.14791	.06246	.08544	.00197	-.00254	.00673	2.08539
1.200	17.542	.00000	.90253	-.04923	.14504	.06785	.07719	.00520	-.00428	.00688	1.99075
1.200	21.794	.00000	1.07900	-.03826	.14229	.07350	.06879	.00468	-.00495	.00726	1.78151
	GRADIENT	.00000	.06124	-.01337	-.00027	.00045	-.00071	.00069	-.00065	-.00066	.33694

LARC8-686 (CA-116) B26C9F8M16N26 (M16E43) (V8R5) (RHU027) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 81/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.111	.00000	-.29157	.09945	.07712	.03213	.04498	-.00333	-.00114	-.00088	-3.26809
.351	-.059	.00000	-.20277	.09765	.07926	.03162	.04744	-.00472	-.00198	-.00808	-2.55067
.351	1.985	.00000	-.11145	.09516	.07787	.03121	.04666	-.00569	-.00227	-.00792	-1.54236
.351	4.021	.00000	-.01523	.09290	.07308	.03052	.04256	-.00262	-.00310	-.00767	-.28287
.350	8.122	.00000	.17426	.09178	.05570	.02923	.02447	.00445	-.00433	-.00919	2.12040
.350	12.202	.00000	.37671	.09425	.02991	.03052	-.00061	.00506	-.00385	-.00729	3.32435
.350	16.340	.00000	.60222	.08958	.01999	.03488	-.01489	.00398	-.00437	-.00854	5.03421
.350	20.432	.00000	.83961	.08534	.01283	.04165	-.02882	.00058	-.00293	-.01128	2.56377
	GRADIENT	.00000	.04502	-.00108	-.00066	-.00027	-.00039	.00003	-.00030	.00013	.49001

RUN NO. 80/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-2.262	.00000	-.31667	.10992	.07877	.03430	.04447	-.00343	-.00135	-.00728	-3.43537
.601	-.145	.00000	-.21636	.10706	.08057	.03386	.04671	-.00529	-.00170	-.00724	-2.66482
.600	1.980	.00000	-.11248	.10432	.07873	.03330	.04544	-.00492	-.00216	-.00693	-1.53913
.601	4.099	.00000	-.01224	.10083	.07330	.03234	.04098	-.00326	-.00273	-.00747	-.24147
.600	8.334	.00000	.20133	.09678	.05131	.03125	.02005	.00193	-.00381	-.00831	2.39861
.600	12.613	.00000	.43696	.08896	.03566	.03375	.00191	.00576	-.00485	-.00701	3.21499
.601	16.911	.00000	.66223	.09228	.03490	.03895	-.00405	.00191	-.00273	-.00823	2.75831
.600	21.183	.00000	.91121	.08212	.03081	.04758	-.01677	-.00545	-.00066	-.00747	2.34226
	GRADIENT	.00000	.04797	-.00142	-.00086	-.00030	-.00056	.00004	-.00022	-.00001	.50493

RUN NO. 79/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.415	.00000	-.37532	.16173	.10706	.03863	.06842	.00268	-.00375	-.01197	-3.01741
.901	-.214	.00000	-.24042	.14653	.10674	.03797	.06877	.00043	-.00402	-.01125	-2.22998
.900	1.994	.00000	-.10618	.12890	.10331	.03692	.06639	.00168	-.00479	-.01080	-1.10204
.901	4.219	.00000	.04310	.10568	.09917	.03612	.06305	.00324	-.00467	-.00892	.34964
.901	8.664	.00000	.32659	.06578	.09069	.03568	.05501	.00287	-.00309	-.00251	2.22668
.901	13.033	.00000	.55504	.05314	.09244	.03911	.05333	.00054	-.00166	-.00342	2.41551
.900	17.394	.00000	.76854	.05318	.09689	.04761	.04929	-.00989	.00067	-.00197	2.18625
.901	21.766	.00000	.95030	.07595	.09962	.06021	.03941	-.01949	.00254	.00135	1.90067
	GRADIENT	.00000	.06285	-.00840	-.00123	-.00039	-.00084	.00013	-.00016	.00043	.50803

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHU027) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 78/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.280	.00000	-.26719	.13453	.16579	.05457	.11122	-.00131	-.00165	-.00904	-1.47703
1.201	-.077	.00000	-.12694	.10023	.16425	.05506	.10919	-.00364	-.00097	-.00770	-.77072
1.200	2.104	.00000	.00999	.06859	.16262	.05639	.10623	-.00389	-.00108	-.00663	.02464
1.200	4.295	.00000	.14261	.04158	.16074	.05707	.10368	-.00288	-.00106	-.00650	.76139
1.199	8.698	.00000	.40066	.00372	.15138	.05768	.09369	-.00141	-.00124	-.00673	1.77509
1.199	13.106	.00000	.65826	-.02318	.14724	.06181	.08542	.00176	-.00240	-.00676	2.07655
1.199	17.491	.00000	.89453	-.04087	.14411	.06783	.07628	.00037	-.00203	-.00537	1.99324
1.199	21.817	.00000	1.07366	-.03136	.14143	.07392	.06751	-.00251	-.00129	-.00464	1.78047
	GRADIENT	.00000	.06237	-.01417	-.00077	.00040	-.00117	-.00023	.00008	.00040	.34284

LARC8-686 (CA-116) (B26C9F8M16N28) (M16E43) (V8R5) (RHU028) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 39/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.284	.00000	-.27132	.13645	.16647	.05450	.11198	-.00151	-.00200	-.00881	-1.49286
1.201	-.080	.00000	-.12928	.10096	.16485	.05460	.11025	-.00335	-.00152	-.00788	-.78200
1.201	2.098	.00000	.00556	.06952	.16331	.05599	.10732	-.00358	-.00157	-.00703	-.00259
1.200	4.358	.00000	.14471	.04117	.16089	.05697	.10392	-.00277	-.00149	-.00668	.77044
1.200	8.680	.00000	.39470	.00537	.15224	.05739	.09485	-.00124	-.00185	-.00655	1.74808
1.200	13.088	.00000	.65226	-.02159	.14761	.06265	.08496	.00183	-.00308	-.00663	2.06500
1.200	17.529	.00000	.89308	-.04079	.14471	.06744	.07727	.00055	-.00255	-.00518	1.98544
1.200	21.856	.00000	1.07240	-.03067	.14167	.07394	.06773	-.00271	-.00163	-.00451	1.77603
	GRADIENT	.00000	.06256	-.01435	-.00085	.00040	-.00123	-.00018	.00007	.00033	.34244

LARC8-686 (CA-116) B26C9F8M16N28) (416E43) (V8R5) (RHL029) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = -20.000 ELV-RI = -20.000
ELV-RO = -30.000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 85 / 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.156	.00000	-.43821	.16178	.09500	.03005	.06495	-.01142	.00526	.01571	-3.89825
.350	-.111	.00000	-.34046	.15759	.09819	.03022	.06796	-.01414	.00465	.01490	-3.44258
.351	1.965	.00000	-.24453	.15486	.09789	.03039	.06750	-.01367	.00443	.01520	-2.76969
.350	4.079	.00000	-.15012	.15160	.09377	.03036	.06341	-.01473	.00390	.01556	-1.88769
.350	8.181	.00000	.04027	.14922	.07830	.03063	.04567	-.01164	.00369	.01483	.35690
.350	12.220	.00000	.24506	.14934	.05216	.03128	.02087	-.00749	.00188	.01122	2.22142
.350	16.316	.00000	.46273	.15026	.03849	.03488	.00361	-.00918	.00172	.01471	2.59555
.349	20.472	.00000	.67571	.15808	.03301	.03977	-.00676	-.01129	.00260	.01507	2.32553
	GRADIENT	.00000	.04620	-.00160	-.00020	.00005	-.00025	-.00045	-.00021	-.00001	.32291

RUN NO. 84 / 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.600	-2.279	.00000	-.44589	.16785	.09998	.03271	.06727	-.01256	.00685	.01499	-3.75381
.600	-.197	.00000	-.33967	.16189	.10140	.03252	.06888	-.01388	.00608	.01423	-3.30841
.600	1.948	.00000	-.23333	.15677	.09990	.03239	.06751	-.01470	.00536	.01365	-2.57414
.598	4.001	.00000	-.12655	.15106	.09429	.03231	.06197	-.01451	.00481	.01318	-1.55842
.599	8.288	.00000	.08807	.14754	.07362	.03183	.04179	-.01141	.00430	.01255	.89468
.599	12.541	.00000	.31794	.14123	.05433	.03368	.02064	-.00421	.00097	.00881	2.44588
.599	16.817	.00000	.54473	.14236	.05020	.03829	.01191	-.00882	.00200	.00992	2.46488
.599	21.233	.00000	.77832	.14487	.04870	.04546	.00323	-.01016	.00265	.01063	2.16291
	GRADIENT	.00000	.05072	-.00264	-.00088	-.00006	-.00082	-.00092	-.00033	-.00029	.34863

RUN NO. 83 / 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.901	-2.449	.00000	-.49862	.22418	.13787	.03864	.09923	-.01729	.01010	.01048	-3.09524
.901	-.314	.00000	-.36214	.20644	.13674	.03807	.09867	-.01895	.00928	.01108	-2.60501
.900	1.925	.00000	-.22794	.19210	.13125	.03722	.09403	-.01810	.00785	.01103	-1.87999
.900	4.128	.00000	-.07822	.16659	.12233	.03639	.08594	-.01530	.00590	.01040	-.74607
.900	8.648	.00000	.23276	.11866	.10920	.03445	.07476	-.00124	-.00143	.00151	1.49475
.900	13.116	.00000	.50940	.08368	.10609	.04071	.06537	-.00007	-.00244	-.00154	2.15621
.901	17.414	.00000	.72690	.08206	.10949	.04875	.06074	-.00659	-.00037	-.00167	2.05210
.900	21.704	.00000	.89389	.10887	.11369	.06031	.05338	-.01750	.00318	.00531	1.80760
	GRADIENT	.00000	.06351	-.00861	-.00238	-.00035	-.00203	.00031	-.00064	-.00001	.35415

ORIGINAL PAGE IS
OF POOR QUALITY

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHU029) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-10.000
ELV-LI =	-20.000	ELV-RI =	-20.000
ELV-RO =	-30.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 82/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.458	.00000	-.38554	.19880	.19373	.05493	.13880	-.02140	.01170	.00812	-1.78516
1.201	-1.278	.00000	-.30106	.17605	.19080	.05450	.13630	-.02073	.01019	.00648	-1.50269
1.200	-.075	.00000	-.21759	.15415	.18732	.05424	.13309	-.01971	.00878	.00553	-1.15850
1.200	2.053	.00000	-.08233	.12260	.18222	.05403	.12819	-.01714	.00596	.00315	-.49571
1.200	4.247	.00000	.05252	.09515	.17787	.05470	.12317	-.01378	.00418	.00139	.21625
1.200	8.708	.00000	.33232	.04425	.16572	.05794	.10778	-.00431	.00024	-.00013	1.41689
1.200	13.095	.00000	.59713	.01465	.16090	.06322	.09768	-.00133	-.00075	.00117	1.86691
1.200	17.405	.00000	.83186	-.00484	.15656	.06953	.08703	.00075	-.00113	.00312	1.87570
1.200	21.767	.00000	1.02405	.00039	.14934	.07362	.07572	.00358	-.00276	.00258	1.72757
	GRADIENT	.00000	.06489	-.01537	-.00239	-.00004	-.00235	.00115	-.00114	-.00100	.30141

LARC8-686 (CA-116) (B26C9F8M16N28) (W16E43) (V8R5) (RHU030) (13 NOV 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-10.000
ELV-LI =	10.000	ELV-RI =	-10.000
ELV-RO =	-30.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 49/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.243	.00000	-.24585	.11444	.17094	.05644	.11450	-.04307	.02124	.02050	-1.32444
1.201	-.099	.00000	-.10278	.07736	.16692	.05639	.11053	-.03843	.01744	.01936	-.61333
1.201	2.029	.00000	.03134	.04662	.16497	.05687	.10810	-.03361	.01404	.01937	.15349
1.201	4.313	.00000	.17590	.01446	.16145	.05783	.10361	-.02656	.01031	.01787	.93713
1.201	8.836	.00000	.44405	-.02795	.15054	.05882	.09173	-.01569	.00541	.01287	1.91574
1.202	13.205	.00000	.69959	-.05325	.14927	.06380	.08547	-.00527	.00211	.01291	2.12034
1.200	17.478	.00000	.93001	-.07012	.14866	.06881	.07985	-.00047	-.00081	.01346	2.00045
1.200	21.801	.00000	1.12509	-.06781	.14507	.07448	.07059	.00149	-.00282	.01385	1.79306
	GRADIENT	.00000	.06420	-.01516	-.00140	.00021	-.00161	.00250	-.00166	-.00036	.34646

LARC8-686 (OA-116) (B26C9F8M16N28) (W416E43) (V8R5) (RHL031) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 20.000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 50/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.201	-2.163	.00000	-.12467	.03270	.16411	.05820	.10591	-.00708	.00185	.02113	-.70179
1.201	.051	.00000	.01526	-.00030	.16401	.05794	.10606	-.00653	.00029	.01971	.09212
1.201	2.241	.00000	.14982	-.02995	.16413	.05837	.10576	-.00606	-.00099	.01878	.84354
1.201	4.502	.00000	.28323	-.05730	.16430	.05945	.10486	-.00447	-.00177	.01838	1.44849
1.200	8.861	.00000	.53720	-.09284	.15818	.06114	.09704	-.00017	-.00365	.01850	2.11851
1.201	13.251	.00000	.79492	-.11973	.15891	.06721	.09170	.00234	-.00502	.01872	2.18868
1.201	17.606	.00000	1.02892	-.13412	.16085	.07263	.08820	.00543	-.00740	.01906	2.00655
1.200	21.930	.00000	1.21491	-.12658	.15649	.07569	.08080	.00304	-.00766	.01929	1.78416
	GRADIENT	.00000	.06122	-.01350	.00003	.00019	-.00016	.00037	-.00055	-.00041	.32452

LARC8-686 (OA-116) (B26C9F8M16N28) (W416E43) (V8R5) (RHL032) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -20.000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 77/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.350	-2.075	.00000	-.26984	.08789	.08223	.03487	.04737	.01313	-.00811	-.02425	-2.90028
.350	-.032	.00000	-.18012	.08579	.08455	.03414	.05040	.01455	-.00890	-.02391	-2.12728
.350	2.010	.00000	-.09092	.08381	.08276	.03359	.04917	.01321	-.00956	-.02368	-1.17909
.350	4.054	.00000	.00207	.08177	.07836	.03291	.04545	.01607	-.01020	-.02332	-.04434
.351	8.150	.00000	.20078	.07965	.05936	.03202	.02734	.02268	-.01144	-.02504	2.18228
.351	12.237	.00000	.39664	.08171	.03595	.03265	.00330	.02889	-.01212	-.02448	3.18794
.350	16.358	.00000	.63187	.07769	.02461	.03630	-.01169	.03008	-.01286	-.02664	2.97330
.350	20.454	.00000	.85074	.07541	.01878	.04207	-.02329	.02838	-.01131	-.03159	2.51051
	GRADIENT	.00000	.04430	-.00100	-.00066	-.00031	-.00034	.00037	-.00034	.00015	.46581

LARC8-685 (OA-116) @20C9F8(16N20) 0:810E4S) (V3R3) (R4U032) (13 NOV 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -20.000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 76/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.599	-2.243	.00000	-.28941	.09548	.08346	.03679	.04668	.01815	-.00932	-.02314	-3.01837
.598	-.115	.00000	-.18962	.09247	.08537	.03695	.04842	.01653	-.00957	-.02284	-2.20941
.598	2.016	.00000	-.08629	.08909	.08312	.03556	.04756	.01690	-.01013	-.02295	-1.11408
.600	4.117	.00000	.01613	.08551	.07790	.03440	.04350	.01808	-.01065	-.02292	.13304
.600	8.372	.00000	.22904	.08201	.05659	.03391	.02268	.02463	-.01164	-.02426	2.44419
.600	12.664	.00000	.46792	.07334	.04074	.03580	.00494	.02908	-.01290	-.02315	3.14485
.600	16.934	.00000	.68983	.07454	.04066	.04074	-.00008	.02537	-.01089	-.02344	2.70237
.600	21.215	.00000	.93241	.07076	.03768	.04921	-.01153	.02056	-.00965	-.02565	2.29664
	GRADIENT	.00000	.04808	-.00157	-.00089	-.00040	-.00049	.00001	-.00021	.00003	.49724

RUN NO. 75/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
.900	-2.408	.00000	-.35388	.14135	.11010	.04082	.06927	.03888	-.01776	-.02686	-2.79440
.901	-.178	.00000	-.21336	.12537	.10984	.03969	.07015	.03866	-.01811	-.02609	-1.92770
.901	2.044	.00000	-.07880	.11009	.10656	.03866	.06789	.03649	-.01773	-.02630	-.79625
.901	4.242	.00000	.05551	.09325	.10209	.03799	.06410	.03635	-.01670	-.02314	.45132
.902	8.679	.00000	.32806	.06042	.09529	.03685	.05844	.03330	-.01532	-.01444	2.15677
.902	13.078	.00000	.57647	.03758	.09704	.04199	.05505	.02622	-.01325	-.01166	2.39847
.901	17.462	.00000	.80236	.03196	.10115	.05090	.05025	.01326	-.00942	-.01320	2.17939
.902	21.804	.00000	.96611	.06231	.10563	.06567	.03996	-.01869	-.00066	-.00681	1.87723
	GRADIENT	.00000	.06146	-.00720	-.00123	-.00043	-.00080	-.00044	.00016	.00049	.49007

RUN NO. 74/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CLM	CA	CAB	CAF	CY	CYN	CBL	L/D
1.200	-2.258	.00000	-.26946	.13192	.16922	.05340	.11583	.03322	-.01726	-.02230	-1.46119
1.201	-.063	.00000	-.12750	.09657	.16707	.05375	.11331	.02993	-.01632	-.02116	-.76143
1.201	2.121	.00000	.01075	.06533	.16504	.05401	.11103	.02774	-.01569	-.02063	.02806
1.201	4.322	.00000	.14383	.03867	.16241	.05498	.10743	.02554	-.01468	-.02043	.75915
1.201	8.700	.00000	.39720	.00251	.15512	.05737	.09775	.02122	-.01213	-.01855	1.72983
1.199	13.115	.00000	.65371	-.02471	.15333	.06313	.09020	.01876	-.01128	-.01856	2.02202
1.200	17.502	.00000	.89540	-.04745	.15081	.07025	.08056	.01279	-.00837	-.01640	1.95731
1.199	21.838	.00000	1.08427	-.04188	.14422	.07363	.07059	.00527	-.00502	-.01522	1.77367
	GRADIENT	.00000	.06286	-.01418	-.00102	.00023	-.00125	-.00115	.00038	.00028	.33983

LARC8-686(CA-116) (B26C9F8M16N28) (W116E43) (VAR5) (SHU001) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 8/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.054	.01418	.01921	.03339	-.05142	.02110	.01139	-.15601	.07164	.03652	-4.27251
.350	-.022	.01415	.01822	.03237	-.01760	.01338	.00225	-.06902	.06783	.03298	-2.09269
.351	2.023	.01382	.01683	.03065	.00919	.00835	-.00604	.02260	.06691	.03265	.69234
.351	4.067	.01287	.01560	.02847	.03949	.00228	-.01496	.11331	.06824	.03458	3.27711
.352	6.122	.01188	.01284	.02472	.07653	-.00741	-.02480	.20553	.07337	.04065	5.05621
.350	10.211	.00598	.00299	.00897	.13593	-.02048	-.04200	.40665	.09972	.06768	6.00839
.351	14.327	-.00814	-.00650	-.01464	.20314	-.03898	-.05931	.62201	.16333	.12913	4.81702
.350	18.431	-.04123	-.02491	-.06614	.27571	-.05765	-.07770	.84806	.28583	.24628	3.44376
.350	21.148	-.05284	-.03632	-.08916	.32549	-.07123	-.08979	.99474	.38042	.33557	2.96436
	GRADIENT	-.00021	-.00060	-.00081	.01468	-.00301	-.00428	.04408	-.00054	-.00030	1.24635

RUN NO. 7/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-2.157	.03564	.01944	.05508	-.04904	.01931	.01239	-.16507	.07392	.03616	-4.56499
.599	-.039	.03554	.01820	.05374	-.01555	.01228	.00284	-.06743	.06921	.03201	-2.10659
.599	2.081	.03540	.01792	.05332	.01873	.00495	-.00703	.03220	.06791	.03137	1.02637
.600	4.191	.03488	.01649	.05137	.05089	-.00182	-.01641	.13091	.07000	.03463	3.77966
.600	6.315	.03386	.01339	.04725	.08379	-.00912	-.02627	.23435	.07581	.04141	5.65947
.599	8.451	.03040	.00785	.03825	.12331	-.01917	-.03735	.34754	.08888	.05478	6.34408
.599	10.597	.02661	.00191	.02852	.15619	-.02722	-.04663	.45880	.11092	.07648	5.99908
.599	14.861	-.00567	-.02140	-.02707	.22773	-.04787	-.06366	.68079	.20797	.16947	4.01710
.599	19.152	-.03606	-.03608	-.07214	.29697	-.06602	-.07988	.90183	.33652	.29149	3.09384
.599	22.000	-.04057	-.04992	-.09049	.34244	-.07654	-.09042	1.04248	.43854	.38701	2.69369
	GRADIENT	-.00011	-.00043	-.00055	.01579	-.00334	-.00455	.04666	-.00062	-.00025	1.33089

RUN NO. 6/ 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.800	-2.244	.03869	.02226	.06095	-.05746	.02270	.01483	-.18724	.07954	.04120	-4.54487
.800	-.082	.03816	.01999	.05815	-.01971	.01461	.00398	-.07461	.07334	.03593	-2.07645
.801	2.129	.03832	.02044	.05876	.02003	.00573	-.00714	.03681	.07194	.03572	1.03038
.800	4.321	.03851	.01908	.05759	.05641	-.00210	-.01795	.14895	.07568	.04084	3.64731
.799	6.519	.03744	.01395	.05139	.09896	-.01313	-.03045	.27442	.08803	.05393	5.08819
.800	10.881	.02176	-.00783	.01393	.16329	-.03128	-.04670	.47742	.14708	.11142	4.28498
.800	15.268	-.01270	-.02269	-.03539	.22594	-.04755	-.06113	.69646	.24829	.20660	3.37108
.801	19.697	-.02535	-.04669	-.07204	.28196	-.06303	-.07381	.90316	.38334	.33333	2.70950
.800	22.518	-.04725	-.04481	-.09206	.28808	-.05984	-.07388	.96977	.46361	.40545	2.39187
	GRADIENT	-.00002	-.00041	-.00043	.01741	-.00380	-.00500	.05113	-.00059	-.00006	1.26392

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R3) (SHUD01) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 5/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.272	.03238	.02928	.08166	-.06094	.02545	.01583	-.20169	.09320	.03132	-3.92991
.901	-.030	.05202	.02515	.07717	-.01573	.01394	.00263	-.06942	.08570	.04513	-1.53830
.901	2.145	.05286	.02225	.07511	.02952	.00180	-.01043	.05628	.08661	.04736	1.18842
.901	4.346	.05912	.02522	.08434	.06836	-.00715	-.02147	.17266	.09641	.05817	2.96804
.901	6.543	.06406	.02907	.08713	.10303	-.01679	-.03044	.28148	.11422	.07688	3.66130
.901	10.896	.05096	.00152	.05248	.16913	-.03800	-.04734	.49205	.17606	.13631	3.60978
.901	15.296	-.01102	-.01823	-.02925	.24151	-.06026	-.06513	.71191	.27997	.23459	3.03474
.901	19.680	-.04704	-.04950	-.09654	.29152	-.07458	-.07695	.90880	.41289	.35866	2.53383
.901	22.519	-.08343	-.05254	-.13597	.29389	-.06753	-.07555	.97257	.49464	.43006	2.26148
	GRADIENT	.00095	-.00069	.00027	.01965	-.00499	-.00567	.05664	.00047	.00103	1.06224

RUN NO. 4/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.920	-2.257	.05312	.03010	.08322	-.05503	.02203	.01416	-.19668	.10010	.05712	-3.44344
.920	-.044	.05297	.02678	.07975	-.00781	.00932	.00032	-.06180	.09268	.05070	-1.21878
.921	2.158	.05553	.02575	.08128	.04099	-.00472	-.01368	.07066	.09379	.05352	1.32025
.920	4.366	.06612	.02999	.09611	.07689	-.01217	-.02375	.18621	.10357	.06453	2.88535
.919	6.555	.07312	.01983	.09295	.10983	-.02058	-.03262	.29621	.12133	.08282	3.57649
.920	10.914	.03566	-.00504	.03062	.18282	-.04526	-.05118	.50958	.18625	.14528	3.50747
.920	15.308	-.02233	-.02276	-.04509	.25182	-.06682	-.06815	.73238	.29114	.24429	2.99792
.921	19.692	-.05380	-.05029	-.10409	.30113	-.08107	-.07957	.92554	.42494	.36968	2.50361
.920	22.550	-.09002	-.05745	-.14747	.31371	-.07845	-.08132	.99490	.51092	.44419	2.23979
	GRADIENT	.00188	-.00006	.00182	.02014	-.00528	-.00579	.05805	.00052	.00113	.97527

RUN NO. 3/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.949	-2.274	.06852	.04145	.10995	-.05656	.02376	.01469	-.21710	.11848	.06959	-3.11960
.950	-.045	.06522	.04068	.10590	-.00681	.00945	.00005	-.07572	.10711	.06129	-1.23537
.950	2.154	.06496	.03837	.10333	.04302	-.00566	-.01431	.06004	.10749	.06282	.95582
.950	4.369	.07001	.02735	.09736	.08783	-.01912	-.02741	.19644	.11795	.07422	2.64682
.950	6.575	.07226	.00953	.08179	.13021	-.03231	-.03911	.32675	.13726	.09357	3.48846
.950	10.968	.02684	-.01691	.00993	.20206	-.05622	-.05762	.55603	.20496	.15957	3.48437
.950	15.375	-.04546	-.03770	-.08316	.27044	-.08030	-.07437	.78075	.31477	.26114	2.98979
.950	19.759	-.08743	-.05988	-.14731	.33269	-.10146	-.08907	.97614	.45315	.39137	2.49417
.950	22.627	-.09903	-.07798	-.17701	.33039	-.09044	-.08683	1.04801	.54204	.47348	2.21343
	GRADIENT	.00019	-.00201	-.00182	.02183	-.00650	-.00636	.06220	.00021	.00069	.88075

LARC8-686(OA-116) (B26C9F8M16N28)(W116E43)(V8R5) (SHU001) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 2/ 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.979	-2.256	.07687	.04426	.12113	-.05613	.02473	.01453	-.21221	.13850	.07965	-2.66411
.980	-.031	.07269	.04346	.11615	-.00731	.01053	.00024	-.07220	.12848	.07143	-1.01091
.980	2.167	.07134	.03962	.11096	.04158	-.00475	-.01410	.06317	.12834	.07274	.86835
.979	4.376	.07276	.02811	.10087	.08748	-.01940	-.02743	.19800	.13913	.08385	2.36144
.980	6.594	.07301	.00703	.08004	.12883	-.03291	-.03913	.33045	.16028	.10431	3.16803
.979	10.992	.01037	-.02406	-.01369	.20596	-.05961	-.05921	.56691	.23352	.17262	3.28425
.981	15.405	-.04972	-.04425	-.09397	.28923	-.09002	-.08057	.81144	.34961	.27958	2.90235
.980	19.799	-.12313	-.06629	-.18942	.35245	-.11266	-.09595	1.01483	.49002	.41468	2.44727
.979	22.672	-.11185	-.08054	-.19239	.36773	-.11357	-.09803	1.10990	.58548	.50730	2.18788
	GRADIENT	-.00062	-.00237	-.00299	.02171	-.00668	-.00635	.06183	.00008	.00063	.76742

RUN NO. 1/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.199	.09225	.03821	.13046	-.04403	.02076	.01051	-.16839	.15766	.10204	-1.65228
1.201	-.012	.08082	.02472	.10554	.00469	.00178	-.00370	-.03797	.13268	.09627	-.39449
1.200	2.173	.08543	.01094	.07637	.04956	-.01501	-.01858	.08880	.13611	.09905	.89655
1.200	4.389	.08121	-.00216	.04905	.09043	-.02948	-.02822	.21103	.16712	.10981	1.92173
1.200	6.595	.03821	-.01250	.02571	.13025	-.04257	-.03901	.32798	.18578	.12825	2.55745
1.200	10.985	-.01225	-.03373	-.04598	.20764	-.06650	-.05876	.55920	.24960	.19043	2.93652
1.200	15.347	-.07189	-.05355	-.12544	.27877	-.09103	-.07634	.78990	.36020	.29540	2.67396
1.200	19.694	-.13487	-.06970	-.20457	.33292	-.11020	-.08941	.96712	.48818	.41845	2.31119
1.200	22.545	-.16745	-.07757	-.24502	.35125	-.11465	-.09338	1.05479	.57414	.50374	2.09394
	GRADIENT	-.00833	-.00616	-.01249	.02048	-.00765	-.00590	.05782	.00146	.00119	.54878

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LARC8-686(OA-116) (B26C9F8 N28) (W116E43) (V8R5) (SHU002) (17 DEC 74)

REFERENCE DATA

SREF = 2880.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6617 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPOBRK = 29.000

RUN NO. 73/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.348	-2.037	.04416	.01738	.06174	-.04731	.01850	.01066	-.11698	.03693	.02682	-4.36193
.349	.004	.04306	.01643	.05949	-.01682	.01108	.00197	-.03238	.03463	.02476	-1.30753
.348	2.048	.04130	.01539	.05669	.01199	.00505	-.00647	.05833	.03578	.02603	2.24089
.349	4.093	.04026	.01384	.05410	.04258	-.00140	-.01572	.15355	.03955	.03000	5.11919
.349	8.178	.03261	.00465	.03726	.11254	-.01831	-.03497	.34895	.07905	.04952	7.04720
.349	12.286	.01902	-.00603	.01299	.17195	-.03362	-.05106	.55067	.12493	.09352	5.88855
.349	16.399	-.00444	-.02016	-.02460	.24563	-.05254	-.06973	.77995	.22930	.19312	4.03866
.348	20.510	-.03339	-.03755	-.07094	.31645	-.07055	-.08694	.99717	.36388	.31989	3.11726
	GRADIENT	-.00066	-.00060	-.00126	.01464	-.00322	-.00429	.04416	.00044	.00053	1.56561

RUN NO. 72/ 0 RN/L = 3.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.599	-2.125	.04766	.01908	.06674	-.04515	.01748	.01085	-.12799	.03778	.02609	-4.91433
.599	-.002	.04689	.01788	.06477	-.01165	.01073	.00158	-.03363	.03529	.02364	-1.42297
.599	2.109	.04611	.01748	.06359	.02621	.00215	-.00880	.06670	.03602	.02480	2.71197
.599	4.233	.04482	.01562	.06044	.05980	-.00517	-.01878	.16941	.03038	.02935	5.77288
.599	8.496	.03654	.00496	.04150	.13209	-.02262	-.03982	.38933	.08452	.05311	7.33130
.599	12.771	.01786	-.01482	.00334	.19956	-.04180	-.05747	.60687	.16042	.12532	4.84298
.599	17.026	-.01900	-.03369	-.05269	.25357	-.05584	-.06847	.80297	.27371	.23137	3.47046
.598	21.339	-.02307	-.04909	-.07216	.33465	-.07559	-.08819	1.03797	.42071	.36980	2.80698
	GRADIENT	-.00044	-.00051	-.00095	.01637	-.00361	-.00469	.04685	.00041	.00051	1.70845

RUN NO. 71/ 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.800	-2.186	.05403	.02192	.07595	-.04398	.01877	.01164	-.14372	.06204	.03026	-4.75023
.800	-.009	.05317	.02060	.07377	-.00909	.01126	.00125	-.03318	.05848	.02702	-1.22818
.800	2.204	.05280	.02067	.07347	.03072	.00237	-.01001	.08041	.06023	.02949	2.72664
.800	4.392	.05220	.01817	.07037	.07107	-.00724	-.02178	.19700	.06764	.03745	5.26053
.800	8.776	.04535	-.00315	.04220	.14419	-.02759	-.04218	.42217	.11391	.08250	5.11730
.800	12.025	.01570	-.01354	.00216	.18227	-.03835	-.05049	.55868	.17327	.13764	4.05895
.799	17.526	-.01097	-.03919	-.05016	.26186	-.06052	-.06902	.83026	.32068	.27435	3.02623
.800	21.858	-.04609	-.04287	-.08896	.28448	-.06111	-.07270	.97004	.44825	.38772	2.50189
	GRADIENT	-.00027	-.00051	-.00078	.01754	-.00396	-.00508	.05175	.00085	.00110	1.54871

LARC8-686(CA-116) (B26C9F8 N28) (W116E43) (V8R5) (SHU002) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN, XO
LREF = 474.6117 INCHES YMRP = .0000 IN, YO
BREF = 936.6817 INCHES ZMRP = 575.0000 IN, ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 70/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.902	-2.166	.06551	.02738	.09289	-.04779	.02172	.01244	-.15286	.07404	.03970	-3.85086
.901	.026	.06446	.01965	.08411	.00036	.00804	-.00137	-.01819	.07166	.03728	-.48792
.901	2.213	.06854	.01533	.08387	.04405	-.00402	-.01353	.10110	.07843	.04448	2.27297
.901	4.404	.07949	.02029	.09978	.08030	-.01286	-.02371	.21343	.09308	.05949	3.58745
.900	8.760	.07512	.00622	.08134	.14697	-.03148	-.04180	.41736	.14199	.10649	3.91909
.900	13.126	.02437	-.00773	.01664	.21281	-.05383	-.05697	.62000	.22873	.18683	3.31851
.899	17.526	-.01658	-.03320	-.04978	.27109	-.07078	-.07137	.83846	.35109	.29930	2.80140
.900	21.838	-.07756	-.05315	-.13071	.29004	-.06920	-.07453	.96835	.47484	.40799	2.37346
	GRADIENT	.00209	-.00117	.00093	.01949	-.00527	-.00549	.05548	.00291	.00303	1.14243

RUN NO. 69/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.920	-2.180	.07482	.02784	.10266	-.04394	.01980	.01123	-.14762	.07995	.04436	-3.32797
.920	.041	.07512	.01745	.09257	.00638	.00442	-.00359	-.00410	.07859	.04331	-.09468
.920	2.238	.08505	.02019	.10524	.05067	-.00795	-.01582	.11474	.08637	.05146	2.22952
.920	4.418	.09489	.01996	.11485	.08799	-.01744	-.02600	.22899	.10134	.06707	3.41417
.920	8.799	.07976	.00083	.08059	.15607	-.03742	-.04428	.43324	.15083	.11503	3.76637
.920	13.138	.00246	-.01230	-.00984	.22057	-.05924	-.05927	.63448	.23802	.19447	3.26264
.920	17.546	-.02281	-.03813	-.06094	.28351	-.07820	-.07465	.86193	.36469	.31163	2.76584
.920	21.875	-.08165	-.05580	-.13745	.30966	-.07972	-.08035	.99471	.49248	.42302	2.35147
	GRADIENT	.00319	-.00095	.00223	.02002	-.00565	-.00564	.05679	.00326	.00346	1.02629

RUN NO. 68/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.951	-2.159	.10502	.03447	.13949	-.03094	.01426	.00740	-.13644	.09503	.05638	-2.41991
.951	.064	.10392	.02585	.12977	.02277	-.00402	-.00835	.01346	.09419	.05542	.24283
.951	2.272	.10244	.02294	.12538	.07097	-.02027	-.02217	.14934	.10289	.06449	2.31575
.950	4.464	.09378	.01046	.10424	.11581	-.03494	-.03498	.27988	.11934	.08074	3.46623
.950	8.847	.07421	-.00996	.06425	.17828	-.05058	-.05144	.49397	.16957	.13104	3.76960
.950	13.216	-.01681	-.02807	-.04488	.24411	-.07319	-.06731	.69820	.26065	.21393	3.26370
.950	17.606	-.05976	-.05003	-.10979	.31207	-.09661	-.08340	.91507	.39107	.33253	2.75184
.950	21.971	-.08739	-.07220	-.15959	.33456	-.09543	-.08760	1.05980	.52971	.45833	2.31233
	GRADIENT	-.00159	-.00339	-.00499	.02213	-.00742	-.00639	.06273	.00369	.00372	.89422

LARC8-686(OA-116) (B26C9F8 N28) (W116E43) (V8R5) (SHU002) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.9817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 67/ 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.979	-2.148	.11844	.03938	.15782	-.02948	.01458	.00681	-.13503	.11050	.06440	-2.09691
.979	.076	.11089	.02894	.13983	.02432	-.00426	-.00899	.01904	.10828	.06228	.30565
.979	2.273	.10428	.01953	.12381	.07458	-.02183	-.02333	.15707	.11783	.07112	2.20836
.979	4.486	.08976	.00520	.09496	.12094	-.03823	-.03672	.29145	.13581	.08747	3.33218
.979	8.864	.06679	-.01571	.05108	.18905	-.05663	-.05448	.51319	.19196	.13859	3.70296
.981	13.256	-.02198	-.03879	-.06077	.26009	-.08154	-.07250	.73610	.29102	.22695	3.24348
.980	17.663	-.06241	-.06157	-.12398	.33218	-.10778	-.09033	.96317	.42623	.35137	2.74118
.980	22.045	-.09218	-.08320	-.17538	.37939	-.12266	-.10040	1.14438	.57760	.49817	2.29716
	GRADIENT	-.00419	-.00507	-.00926	.02269	-.00796	-.00656	.06414	.00387	.00353	.82323

RUN NO. 66/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.126	.10787	.00910	.11697	-.01802	.00577	.00352	-.09148	.13578	.08494	-1.07706
1.201	.055	.08426	.00095	.08521	.02775	-.01119	-.00944	.03331	.13384	.08299	.40133
1.201	2.245	.06452	-.00531	.05921	.06756	-.02560	-.02105	.15473	.14059	.08909	1.73680
1.201	4.437	.05092	-.01281	.03811	.10784	-.03948	-.03260	.27308	.15498	.10253	2.66345
1.201	8.797	.00973	-.03104	-.02131	.18283	-.06213	-.05267	.49546	.20392	.15036	3.29503
1.200	13.195	-.03357	-.04755	-.08112	.25579	-.08538	-.07081	.72708	.29698	.23683	3.07001
1.200	17.576	-.09168	-.06680	-.15848	.31525	-.10641	-.08539	.93244	.42253	.35824	2.60281
1.200	21.926	-.13916	-.07998	-.21914	.36071	-.12151	-.09549	1.08721	.56150	.49172	2.21102
	GRADIENT	-.00871	-.00329	-.01200	.01908	-.00686	-.00548	.05554	.00294	.00269	.57387

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU003) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.8817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0190

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 55.000

RUN NO. 44/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.349	-2.052	.03984	.01724	.05708	-.08609	.03211	.01746	-.16845	.09919	.05508	-3.05807
.350	.011	.03847	.01610	.05457	-.06281	.02708	.00968	-.08031	.09447	.05078	-1.58156
.349	2.095	.03674	.01507	.05181	-.02543	.01836	-.00022	.00869	.09335	.05071	.17133
.349	4.078	.03619	.01401	.05020	.00512	.01229	-.00898	.09870	.09408	.05285	1.86773
.349	8.152	.02942	.00548	.03490	.06794	-.00283	-.02717	.28980	.10794	.06915	4.19107
.349	12.239	.01743	-.00425	.01318	.13263	-.01922	-.04406	.48707	.14662	.10778	4.51901
.349	16.383	-.00539	-.01849	-.02388	.20266	-.03865	-.06308	.71840	.24217	.20001	3.59181
	20.516	-.03359	-.03440	-.06799	.27269	-.05584	-.08024	.93277	.37274	.32307	2.88725
	GRADIENT	-.00062	-.00052	-.00114	.01548	-.00333	-.00436	.04349	-.00081	-.00034	.80718

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.601	-2.174	.04389	.01883	.06272	-.06832	.02587	.01577	-.18112	.09980	.05304	-3.41474
.600	-.077	.04332	.01766	.06098	-.03563	.01902	.00634	-.08493	.09459	.04836	-1.75611
.600	2.093	.04233	.01728	.05961	-.00288	.01228	-.00318	.01265	.09222	.04759	.26581
.600	4.259	.04137	.01583	.05720	.03278	.00456	-.01333	.11632	.09383	.05081	2.28943
.600	8.475	.03396	.00620	.04016	.10625	-.01350	-.03425	.32771	.11078	.06997	4.68355
.599	12.761	.01721	-.01097	.00624	.17874	-.03397	-.05379	.55333	.17579	.13386	4.13354
.600	17.040	-.01133	-.02604	-.03737	.24264	-.05022	-.06897	.76854	.28343	.23635	3.25170
	21.275	-.03141	-.04657	-.07798	.32227	-.07190	-.08736	.99441	.42836	.37220	2.67171
	GRADIENT	-.00040	-.00044	-.00084	.01565	-.00329	-.00451	.04611	-.00094	-.00034	.89153

RUN NO. 42/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.262	.06321	.03031	.09352	-.07268	.03016	.01858	-.22478	.11738	.06662	-3.37395
.901	.015	.06374	.02705	.09079	-.02830	.01932	.00521	-.08957	.10913	.05955	-1.50423
.901	2.181	.06437	.02508	.08945	.01836	.00665	-.00805	.03687	.10885	.06089	.60555
.900	4.423	.07105	.02372	.09477	.05525	-.00196	-.01905	.15531	.11796	.07128	2.17882
.902	8.699	.07214	.00865	.08079	.12473	-.02222	-.03782	.36927	.15886	.11449	3.22545
.901	13.178	.02477	-.00851	.01626	.20071	-.04800	-.05595	.59309	.24256	.19552	3.03544
.902	17.555	-.01681	-.03389	-.05070	.26034	-.06591	-.07037	.80507	.36129	.30821	2.61211
	21.884	-.07036	-.05683	-.12719	.28600	-.06731	-.07522	.93777	.48498	.42178	2.22334
	GRADIENT	.00109	-.00098	.00011	.01937	-.00490	-.00568	.05701	.00006	.00068	.84435

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU003) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 55.000

RUN NO. 41/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.100	.10303	.03755	.14058	-.05374	.02478	.01225	-.18618	.18503	.12616	-1.47571
1.200	.113	.08725	.02351	.11076	-.00245	.00454	-.00275	-.04853	.17904	.11899	-.40786
1.200	2.205	.07137	.00972	.08109	.04187	-.01230	-.01551	.07648	.18142	.12045	.63492
1.200	4.405	.05934	-.00387	.05547	.08814	-.02867	-.02841	.20334	.19151	.12974	1.56730
1.199	8.792	.02493	-.02530	-.00037	.16023	-.05063	-.04785	.42864	.23218	.16941	2.53029
1.200	13.158	-.03042	-.04570	-.07612	.24055	-.07777	-.06792	.67094	.31870	.25288	2.65322
1.199	17.484	-.09695	-.06368	-.16063	.29784	-.09795	-.08223	.87619	.43494	.36544	2.39766
1.200	21.829	-.13190	-.07743	-.22933	.33930	-.11159	-.09114	1.02550	.56222	.48970	2.09414
	GRADIENT	-.00680	-.00639	-.01319	.02176	-.00820	-.00624	.05988	.00101	.00056	.47073

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU004) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 85.000

RUN NO. 65/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.072	.04190	.01852	.06042	-.08751	.02354	.01472	-.18928	.12993	.07077	-2.67433
.350	-.029	.04099	.01703	.05798	-.04067	.01758	.00649	-.10098	.12033	.06492	-1.55542
.350	2.024	.03933	.01619	.05552	-.00851	.01051	-.00239	-.01371	.11822	.06331	-.21654
.350	4.057	.03841	.01497	.05338	.02188	.00350	-.01130	.07477	.11797	.06475	1.15471
.350	8.154	.03147	.00639	.03786	.08441	-.00933	-.02959	.27241	.13073	.08140	3.34639
.349	12.282	.01869	-.00542	.01327	.15667	-.02916	-.04783	.46971	.16830	.12010	3.91110
.350	16.378	-.00314	-.01794	-.02108	.21962	-.04555	-.06545	.69808	.26106	.21057	3.31520
.350	20.480	-.03249	-.03384	-.06633	.29007	-.06313	-.08266	.91042	.38760	.32966	2.76168
	GRADIENT	-.00059	-.00056	-.00115	.01469	-.00329	-.00425	.04302	-.00127	-.00096	.62748

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU004) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPOBRK = 85.000

RUN NO. 64/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.599	-2.168	.04540	.01941	.06481	-.06540	.02374	.01568	-.20829	.12784	.07144	-2.91548
.600	-.061	.04415	.01806	.06221	-.03318	.01707	.00642	-.11241	.12112	.06528	-1.72193
.600	2.059	.04296	.01760	.06056	.00380	.00831	-.00382	-.01340	.11820	.06280	-.21330
.600	4.190	.04203	.01638	.05841	.03868	.00073	-.01375	.08499	.11887	.06541	1.29936
.599	8.452	.03483	.00663	.04146	.11298	-.01762	-.03507	.30192	.13404	.08372	3.60650
.600	12.718	.01845	-.01021	.00824	.18681	-.03801	-.05517	.52574	.19462	.14417	3.64666
.599	17.017	-.01056	-.02567	-.03623	.25250	-.05477	-.07047	.74519	.30109	.24636	3.02482
.600	21.303	-.03128	-.04570	-.07698	.33177	-.07675	-.08870	.96370	.44234	.38020	2.53474
	GRADIENT	-.00053	-.00045	-.00098	.01648	-.00367	-.00465	.04619	-.00141	-.00097	.66787

RUN NO. 63/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.276	.06745	.03178	.09923	-.07344	.03018	.01931	-.26036	.14720	.09222	-2.82324
.900	-.065	.06579	.02750	.09329	-.03312	.02102	.00689	-.13001	.13610	.08160	-1.59330
.901	2.142	.06718	.02640	.09358	.01511	.00807	-.00654	-.00258	.13592	.08087	-.03188
.901	4.350	.07207	.02287	.09494	.05390	-.00157	-.01805	.12006	.14140	.09012	1.33218
.900	8.728	.07389	.00929	.08318	.12748	-.02289	-.03806	.33985	.18244	.13241	2.56516
.901	13.114	.03179	-.00689	.02490	.20459	-.04889	-.05636	.56213	.26153	.20924	2.69650
.901	17.504	-.01295	-.03267	-.04562	.28788	-.08877	-.07159	.77402	.37729	.32051	2.41495
.900	21.854	-.06788	-.05630	-.12418	.29719	-.07229	-.07775	.91135	.49926	.43366	2.10152
	GRADIENT	.00069	-.00128	-.00057	.01948	-.00490	-.00568	.05745	-.00089	-.00032	.63516

RUN NO. 62/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.199	-2.167	.10326	.03732	.14058	-.04612	.02069	.01070	-.19933	.20792	.15060	-1.32353
1.199	.040	.08980	.02311	.11291	.00323	.00138	-.00365	-.06657	.19959	.14086	-.47254
1.199	2.213	.07452	.00884	.08336	.04856	-.01541	-.01668	.06131	.20022	.14014	.43753
1.200	4.396	.06161	-.00387	.05774	.09383	-.03140	-.02906	.18412	.20891	.14773	1.24632
1.201	8.772	.02421	-.02553	-.00132	.16885	-.05475	-.04966	.41603	.24861	.18608	2.23578
1.199	13.162	-.03027	-.04573	-.07600	.24785	-.08112	-.06908	.65180	.33327	.26838	2.42868
1.199	17.555	-.09633	-.06387	-.16020	.30640	-.10180	-.08369	.85598	.45075	.38210	2.24016
1.199	21.880	-.19092	-.07695	-.22747	.34317	-.11274	-.09126	.99123	.57365	.50338	1.96915
	GRADIENT	-.00641	-.00631	-.01272	.02128	-.00792	-.00605	.05847	.00016	-.00043	.39427

LARC8-686(CA-116) (826C9F8M16N28) (W116E43) (V8R5) (SHU005) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	-10.000
SPDBRK =	25.000		

RUN NO. 54/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.000	.04037	.01788	.05825	-.07902	.02972	.01591	-.14967	.07768	.04121	-3.63172
.350	.001	.03967	.01648	.05615	-.05213	.02437	.00801	-.06606	.07396	.03764	-1.75497
.349	2.134	.03791	.01572	.05363	-.01648	.01536	-.00174	.02342	.07325	.03735	.62690
.350	4.101	.03656	.01418	.05074	.01753	.00945	-.01133	.12056	.07483	.04001	3.01326
.350	8.205	.03056	.00532	.03588	.08363	-.00695	-.02977	.31331	.09079	.05749	5.44998
.350	12.377	.01767	-.00505	.01262	.15699	-.02734	-.04828	.51878	.13345	.09955	5.21111
.349	16.397	-.00411	-.01930	-.02341	.21315	-.04102	-.06485	.74577	.23016	.19269	3.87040
.349	20.478	-.03293	-.03546	-.06839	.28664	-.06019	-.08229	.95889	.36207	.31795	3.01586
	GRADIENT	-.00065	-.00058	-.00123	.01592	-.00342	-.00448	.04403	-.00045	-.00019	1.09194

RUN NO. 53/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.599	-2.165	.04332	.01858	.06190	-.06365	.02400	.01488	-.16510	.07910	.03985	-4.14281
.599	-.027	.04249	.01746	.05995	-.03083	.01675	.00544	-.06786	.07444	.03548	-1.91287
.600	2.142	.04194	.01706	.05900	.00419	.00936	-.00442	.03053	.07300	.03485	.87591
.599	4.323	.04088	.01546	.05634	.04203	.00081	-.01514	.13830	.07545	.03837	3.60481
.599	8.568	.03321	.00550	.03871	.11556	-.01727	-.03607	.35066	.09453	.05901	5.94261
.599	12.732	.01612	-.01231	.00381	.18209	-.03525	-.05462	.57634	.16189	.12424	4.63885
.600	17.215	-.01307	-.02750	-.04057	.24914	-.05266	-.06978	.79047	.27384	.23101	3.42177
.599	21.381	-.03222	-.04752	-.07974	.32634	-.07359	-.08780	1.01317	.41880	.36799	2.75323
	GRADIENT	-.00036	-.00045	-.00082	.01628	-.00356	-.00462	.04663	-.00057	-.00023	1.20356

RUN NO. 52/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.287	.06010	.03079	.09089	-.06826	.02823	.01732	-.20476	.10165	.05677	-3.60670
.901	-.056	.05982	.02714	.08696	-.02485	.01734	.00428	-.07283	.09429	.05063	-1.43847
.900	2.203	.06114	.02266	.08380	.02140	.00519	-.00894	.05634	.09360	.05149	1.09418
.901	4.395	.06959	.02374	.09333	.06216	-.00469	-.02046	.17397	.10376	.06309	2.75763
.900	8.700	.06878	.00786	.07664	.13134	-.02488	-.03914	.38733	.14631	.10677	3.62759
.901	13.092	.02393	-.00876	.01517	.20458	-.04949	-.05663	.60746	.23058	.18722	3.24462
.900	17.506	-.01867	-.03393	-.05260	.26359	-.06745	-.07093	.81940	.35075	.30049	2.72691
.901	21.837	-.07142	-.05958	-.13100	.28019	-.06451	-.07337	.95541	.47969	.41601	2.29660
	GRADIENT	.00133	-.00115	.00018	.01962	-.00497	-.00567	.05674	.00025	.00088	.96994

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU005) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	-10.000
SPDBRK =	25.000		

RUN NO. 51/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.202	.10377	.03690	.14067	-.05170	.02385	.01171	-.17067	.16529	.10765	-1.58546
1.201	.017	.08956	.02313	.11269	-.00244	.00458	-.00273	-.03878	.16022	.10178	-.38099
1.201	2.246	.07476	.00815	.08291	.04431	-.01312	-.01603	.09062	.16360	.10451	.86710
1.201	4.359	.06144	-.00409	.05735	.09151	-.03002	-.02693	.21211	.17473	.11534	1.83901
1.200	8.801	.02506	-.02601	-.00295	.16706	-.05332	-.04937	.44454	.21924	.15949	2.78731
1.200	13.154	-.03051	-.04583	-.07634	.24589	-.08016	-.06889	.68217	.30880	.24511	2.78314
1.200	17.502	-.09554	-.06391	-.15945	.30241	-.10005	-.08308	.88620	.42946	.36089	2.45561
1.200	21.922	-.15208	-.07764	-.22972	.34415	-.11387	-.09200	1.03609	.56209	.48930	2.11750
	GRADIENT	-.00647	-.00630	-.01277	.02174	-.00818	-.00617	.05832	.00143	.00116	.52607

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU006) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	-10.000
SPDBRK =	55.000		

RUN NO. 58/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.000	.04244	.01761	.06005	-.07466	.02835	.01546	-.16550	.09928	.05568	-2.97222
.350	.174	.04086	.01680	.05766	-.05134	.02407	.00769	-.07647	.09375	.05040	-1.51725
.350	2.088	.03983	.01580	.05563	-.01200	.01391	-.00253	.01511	.09325	.05092	.29680
.349	4.191	.03843	.01423	.05266	.01846	.00788	-.01127	.10233	.09373	.05256	1.94713
.349	8.196	.03147	.00588	.03735	.08308	-.00663	-.02981	.29739	.10859	.06984	4.25790
.349	12.352	.01884	-.00411	.01473	.14416	-.02259	-.04604	.49149	.14830	.10970	4.48042
.349	16.477	-.00363	-.01818	-.02181	.21911	-.04273	-.06564	.72279	.24357	.20181	3.58155
.349	20.488	-.03184	-.03411	-.06595	.28414	-.06015	-.08203	.93592	.37279	.32381	2.89029
	GRADIENT	-.00064	-.00054	-.00118	.01552	-.00348	-.00441	.04366	-.00085	-.00044	.80775

ORIGINAL PAGE IS OF POOR QUALITY

LARC8-686(OA-116) (B26C9F6M16N28) (W116E43) (V8R5) (SHUDDG) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6117 INCHES YMRP = .0000 IN. YO
BREF = 936.6617 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0130

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPDBRK = 55.000

RUN NO. 57/ 0 RN/L = 3.17 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.898	-2.128	.04409	.01878	.06287	-.06608	.02482	.01552	-.18319	.10068	.05413	-3.38430
.800	.118	.04295	.01747	.06042	-.03039	.01707	.00537	-.08076	.09456	.04864	-1.66027
.899	2.178	.04186	.01716	.05902	.00526	.00910	-.00455	.01755	.09297	.04794	.36600
.898	4.285	.04096	.01573	.05669	.03894	.00168	-.01416	.11443	.09442	.05106	2.24104
.899	8.492	.03356	.00583	.03939	.11459	-.01675	-.03574	.33504	.11184	.07085	4.72913
.899	12.772	.01669	-.01117	.00552	.18389	-.03619	-.05488	.55632	.17604	.13391	4.15444
.899	17.085	-.01202	-.02661	-.03863	.24910	-.05260	-.07000	.77252	.28471	.23789	3.24743
.899	21.326	-.03204	-.04709	-.07913	.32677	-.07387	-.08802	.99760	.43038	.37509	2.65964
	GRADIENT	-.00049	-.00045	-.00094	.01647	-.00363	-.00465	.04654	-.00097	-.00048	.88698

RUN NO. 56/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.257	.06288	.03117	.09405	-.06995	.02950	.01802	-.22368	.12168	.07100	-3.15065
.900	.008	.06263	.02712	.08975	-.02761	.01955	.00518	-.09023	.11252	.06282	-1.43645
.900	2.188	.06346	.02399	.08745	.01617	.00765	-.00741	.03244	.11160	.06328	.51274
.900	4.251	.07104	.02340	.09444	.05546	-.00210	-.01870	.14726	.12006	.07311	2.01419
.901	8.769	.07005	.00755	.07760	.13042	-.02412	-.03884	.37341	.16291	.11838	3.15430
.901	13.187	.02255	-.00920	.01335	.20506	-.04954	-.05667	.59743	.24658	.19909	3.00076
.900	17.479	-.01792	-.03319	-.05111	.26316	-.06713	-.07067	.80117	.36092	.30762	2.60437
.901	21.854	-.07034	-.05864	-.12898	.28708	-.06800	-.07532	.93878	.48737	.42366	2.21589
	GRADIENT	.00115	-.00123	-.00008	.01935	-.00491	-.00566	.05694	-.00030	.00027	.80386

RUN NO. 55/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.166	.10327	.03704	.14031	-.04853	.02254	.01114	-.18266	.18742	.12737	-1.43415
1.201	.085	.08847	.02312	.11159	.00175	.00287	-.00351	-.04868	.18048	.11986	-.40614
1.200	2.316	.07446	.00786	.08232	.04857	-.01485	-.01695	.08264	.18282	.12174	.67880
1.200	4.448	.06119	-.00410	.05709	.09382	-.03118	-.02947	.20378	.19352	.13179	1.54624
1.200	8.799	.02400	-.02546	-.00146	.16698	-.05345	-.04933	.43146	.23482	.17257	2.50022
1.199	13.232	-.02970	-.04553	-.07523	.24487	-.07984	-.06872	.66978	.32186	.25645	2.61177
1.199	17.599	-.09694	-.06411	-.16105	.30505	-.10095	-.08358	.88056	.44151	.37123	2.37198
1.200	21.894	-.15113	-.07760	-.22873	.34156	-.11207	-.09126	1.02136	.56659	.49425	2.06649
	GRADIENT	-.00635	-.00628	-.01264	.02147	-.00811	-.00613	.05848	.00091	.00066	.45439

LARC8-686(OA-116) (B26C9F8M16N26) (W116E43) (V8R5) (SHU007) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.6900 IN. XO
LREF = 474.9117 INCHES YMRP = .0000 IN. YO
BREF = 936.8817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = -10.000
SPOBRK = 85.000

RUN NO. 61/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.147	.08612	.03223	.09835	-.08079	.03381	.02060	-.26085	.14864	.09234	-2.82495
.900	.012	.06537	.02800	.09337	-.04097	.02501	.00841	-.13157	.13796	.08231	-1.59845
.901	2.201	.06671	.02658	.09329	.00573	.01248	-.00479	-.00374	.13578	.08167	-.04585
.900	4.390	.07166	.02322	.09488	.04651	.00183	-.01650	.11359	.14289	.09023	1.25893
.901	6.610	.07348	.00903	.08251	.12231	-.02047	-.03716	.34034	.18398	.13381	2.54345
.901	13.118	.02950	-.00729	.02221	.19762	-.04628	-.05499	.55917	.26181	.20971	2.66645
.899	17.632	-.01614	-.03288	-.04902	.25760	-.06472	-.06972	.77385	.37901	.32212	2.40237
.901	21.778	-.06838	-.05681	-.12519	.29112	-.06986	-.07673	.91393	.49953	.43446	2.10359
	GRADIENT	.00083	-.00130	-.00048	.01966	-.00498	-.00571	.05739	-.00089	-.00031	.63328

RUN NO. 60/ 0 RN/L = 2.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-.023	.08991	.02405	.11396	-.00269	.00437	-.00273	-.06821	.20180	.14107	-.48350
1.201	2.360	.07437	.00879	.08316	.04460	-.01362	-.01633	.06590	.20335	.14107	.46719
1.201	4.323	.06157	-.00321	.05836	.08785	-.02874	-.02800	.18163	.21126	.14831	1.22466
1.200	8.842	.02395	-.02483	-.00088	.16449	-.05262	-.04890	.41503	.25058	.18753	2.21310
1.199	13.199	-.03071	-.04529	-.07600	.24341	-.07923	-.06849	.65510	.33621	.27097	2.41759
1.201	17.494	-.09534	-.06336	-.15870	.30040	-.09939	-.08267	.85516	.45096	.38245	2.23600
1.199	21.793	-.15012	-.07666	-.22678	.33659	-.10967	-.09010	.99233	.57571	.50467	1.96631
	GRADIENT	-.00652	-.00628	-.01280	.02080	-.00762	-.00581	.05744	.00212	.00161	.39325

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU008) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 9/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.199	-2.158	-.03215	.02856	-.00359	-.01633	.00001	.00372	-.10329	.15989	.10127	-1.01989
1.199	.043	-.04127	.01588	-.02539	.03449	-.01934	-.01080	.02801	.15722	.09831	.28492
1.200	2.216	-.04896	.00380	-.04516	.08033	-.03625	-.02380	.15315	.16426	.10481	1.46120
1.200	4.414	-.06016	-.01011	-.07027	.12020	-.05024	-.03545	.27575	.17932	.11922	2.31292
1.200	6.601	-.07648	-.02304	-.09952	.15861	-.06323	-.04604	.39342	.20010	.14007	2.80868
1.199	10.984	-.11788	-.04530	-.16318	.23758	-.08776	-.06806	.62666	.27056	.20922	2.99518
1.199	15.395	-.17887	-.06766	-.24653	.30772	-.11168	-.08374	.85450	.38714	.32175	2.65583
1.199	19.754	-.23359	-.08492	-.31851	.35990	-.12919	-.09585	1.02988	.52079	.45170	2.27998
1.199	22.620	-.25995	-.09349	-.35344	.37809	-.13298	-.09975	1.11627	.61309	.54199	2.05959
	GRADIENT	-.00419	-.00585	-.01004	.02081	-.00766	-.00596	.05768	.00298	.00276	.51060

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU009) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = 20.000 ELV-RI = 20.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 87/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-1.851	-.15819	.02207	-.13612	.02155	-.02371	-.00507	-.03166	.17288	.11187	-.28300
1.200	.066	-.16256	.01175	-.15081	.06532	-.04052	-.01765	.09393	.17316	.11220	.74801
1.200	2.363	-.16719	-.00388	-.17107	.11361	-.05837	-.03147	.21810	.18254	.12117	1.80002
1.200	4.468	-.17823	-.02188	-.19811	.15235	-.07183	-.04279	.34057	.19944	.13728	2.48075
1.200	8.834	-.22237	-.04939	-.27176	.23434	-.09865	-.06510	.58044	.25944	.19566	2.96657
1.200	13.310	-.26210	-.06722	-.32932	.31229	-.12330	-.08533	.81942	.36427	.29651	2.76354
1.200	17.633	-.30685	-.08394	-.39077	.36972	-.14109	-.09843	1.01227	.49594	.42482	2.38284
1.200	21.954	-.33516	-.09456	-.42972	.40827	-.15203	-.10710	1.14901	.63168	.36106	2.04615
	GRADIENT	-.00277	-.00695	-.00972	.02072	-.00762	-.00597	.05884	.00422	.00404	.43888

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU010) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 10/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.229	.22475	.04671	.27146	-.09123	.04948	.02118	-.23598	.16965	.11943	-2.04437
1.201	-.116	.21739	.03391	.25130	-.04156	.03030	.00717	-.10918	.16110	.10663	-1.02391
1.202	2.102	.20891	.01847	.22738	.00514	.01280	-.00601	.01906	.16153	.10578	.18017
1.201	4.378	.19289	.00288	.19577	.05044	-.00399	-.01887	.14955	.17038	.11395	1.31245
1.201	6.513	.17539	-.00609	.16930	.09125	-.01799	-.03010	.26817	.18593	.12938	2.07273
1.200	10.902	.13786	-.02570	.11216	.17433	-.04567	-.05232	.50938	.24497	.18745	2.71745
1.200	15.358	.06097	-.04566	.01531	.24431	-.06892	-.06931	.74043	.34960	.28627	2.58649
1.201	19.659	-.01623	-.06157	-.07780	.29229	-.08544	-.08083	.91349	.46798	.40156	2.27483
1.200	22.885	-.04310	-.06971	-.11281	.31607	-.09243	-.08564	1.00764	.56366	.49468	2.03695
	GRADIENT	-.00473	-.00667	-.01140	.02139	-.00807	-.00605	.05829	.00315	-.00021	.51164

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LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU011) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = 10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 29/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.168	.09028	-.01082	.07946	-.03619	.01292	.00609	-.14065	.15905	.10255	-1.37154
1.201	.020	.08000	-.01927	.06073	.01303	-.00564	-.00799	-.01049	.15589	.09885	-.10615
1.201	2.209	.06835	-.03079	.03756	.06027	-.02352	-.02129	.11741	.16068	.10293	1.14070
1.201	4.382	.05536	-.04318	.01218	.09905	-.03709	-.03250	.23769	.17332	.11538	2.06007
1.201	8.770	.00916	-.06203	-.05287	.17758	-.06206	-.05384	.47017	.22081	.16257	2.89221
1.200	13.165	-.04252	-.08253	-.12455	.25847	-.08987	-.07481	.71055	.31456	.25189	2.82086
1.200	17.556	-.10922	-.09955	-.20977	.31494	-.10913	-.08804	.91386	.43856	.36998	2.47003
1.200	21.886	-.16754	-.11255	-.28009	.35411	-.12144	-.09648	1.05826	.56975	.49841	2.12327
	GRADIENT	-.00533	-.00497	-.01030	.02074	-.00769	-.00591	.05783	.00218	.00195	.52855

LARC8-686(CA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU012) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 30/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.200	.12420	.07223	.19643	-.07352	.03846	.01909	-.19989	.16191	.10625	-1.88136
1.200	-.009	.10901	.05024	.15925	-.02269	.01796	.00415	-.06522	.15396	.09837	-.66300
1.200	2.181	.08917	.03365	.12282	.02657	-.00149	-.00994	.06716	.15623	.09967	.67382
1.200	4.365	.07037	.02294	.09331	.06984	-.01767	-.02234	.18960	.16648	.10942	1.73287
1.200	8.737	.02795	.00074	.02869	.14992	-.04393	-.04419	.42709	.21013	.15249	2.80067
1.199	13.142	-.02328	-.01565	-.03893	.22734	-.06943	-.06332	.66550	.29853	.23590	2.82106
1.200	17.535	-.09040	-.02788	-.11828	.28770	-.09046	-.07814	.87211	.41963	.35028	2.48976
1.199	21.867	-.14333	-.03970	-.18303	.32896	-.10410	-.08713	1.01959	.54815	.47550	2.14427
	GRADIENT	-.00829	-.00752	-.01580	.02190	-.00858	-.00632	.05944	.00073	.00049	.55654

LARC8-686(CA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU013) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 12/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.232	.14311	.09518	.23829	-.08893	.04817	.02425	-.22511	.17005	.11310	-1.99034
1.200	-.053	.12570	.07337	.19907	-.03470	.02618	.00866	-.09099	.15899	.10268	-.88617
1.200	2.226	.10129	.05416	.15545	.01856	.00414	-.00656	.04853	.15818	.10184	.47660
1.200	4.319	.07908	.03810	.11718	.06687	-.01434	-.01971	.17268	.16715	.11056	1.56190
1.200	8.675	.03180	.01542	.04722	.15493	-.04482	-.04316	.41576	.21066	.15327	2.71256
1.200	13.168	-.02137	.00190	-.01947	.23541	-.07125	-.06296	.65817	.29952	.23772	2.76867
1.200	17.507	-.09154	-.00455	-.09609	.29944	-.09316	-.07812	.86069	.41832	.35187	2.44602
1.200	21.889	-.14656	-.01148	-.15804	.34064	-.10670	-.08761	1.01542	.54972	.47837	2.12267
1.199	22.896	-.15935	-.01398	-.17333	.34363	-.10627	-.08852	1.04796	.58028	.50874	2.05990
	GRADIENT	-.00987	-.00869	-.01856	.02374	-.00956	-.00671	.06078	-.00045	-.00040	.54823

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU014) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -40.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -40.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 45/ 0 RN/L = 2.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-.090	.11873	.12617	.24490	-.06389	.04183	.01757	-.14126	.17488	.12047	-1.17259
1.201	2.102	.10476	.08938	.19414	-.00963	.01939	.00193	.00416	.16719	.11083	.03755
1.201	4.306	.07731	.07597	.15328	.03909	.00067	-.01169	.13661	.17265	.11572	1.18058
1.201	8.690	.01333	.02523	.03856	.13066	-.03300	-.03756	.39988	.20886	.15212	2.62877
1.199	13.127	-.02553	.00717	-.01836	.21658	-.06108	-.05927	.64706	.29715	.23500	2.75342
1.200	17.501	-.08534	.00478	-.08056	.27954	-.08371	-.07458	.85369	.41781	.34923	2.44448
1.199	21.851	-.14799	-.00144	-.14943	.32664	-.09900	-.08506	1.00635	.54918	.47703	2.10960
	GRADIENT	-.00942	-.01141	-.02084	.02342	-.00936	-.00666	.06321	-.00050	-.00108	.53528

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU015) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = 10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 28/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.007	-.00836	-.00464	-.01300	.01469	-.01559	-.00862	.00740	.07629	.03668	.20165
.350	.017	-.00962	-.00710	-.01672	.04869	-.02368	-.01798	.09856	.07712	.03787	2.60231
.350	2.060	-.01184	-.01051	-.02235	.07741	-.02972	-.02648	.18730	.08156	.04280	4.37653
.349	4.104	-.01250	-.01520	-.02770	.11353	-.03892	-.03643	.27771	.08883	.05110	5.43417
.349	8.198	-.02262	-.02586	-.04848	.16746	-.04962	-.05338	.47021	.11557	.07950	5.91488
.349	12.302	-.04440	-.03827	-.08267	.22817	-.06549	-.06974	.68116	.17155	.13506	5.04321
.349	16.426	-.07562	-.05211	-.12773	.30971	-.08769	-.09034	.91571	.28446	.24490	3.73920
.348	20.554	-.10718	-.06937	-.17655	.39096	-.10947	-.10882	1.14363	.44100	.39128	2.92279
	GRADIENT	-.00072	-.00172	-.00244	.01596	-.00373	-.00451	.04415	.00207	.00237	.85711

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R9) (SHUD19) (17 DEC 74)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 378.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = 10.000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 27/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.999	-2.063	-.00773	-.00432	-.01227	.02807	-.02247	-.01013	.00008	.07748	.03541	.00238
.999	.064	-.00824	-.00702	-.01526	.06086	-.02946	-.01962	.09619	.07822	.03666	2.62390
.999	2.199	-.00924	-.01110	-.02034	.08931	-.03487	-.02884	.19993	.08281	.04198	4.76225
.600	4.323	-.01087	-.01663	-.02750	.12796	-.04380	-.03979	.30307	.09128	.05185	5.84452
.999	8.573	-.02310	-.02716	-.05226	.19605	-.06001	-.06004	.51757	.12382	.08553	6.05142
.999	12.853	-.05230	-.04584	-.09814	.27448	-.08197	-.07971	.74644	.20970	.16949	4.40415
.999	17.120	-.08797	-.06107	-.14904	.32850	-.09551	-.08938	.94702	.33484	.28897	3.27721
.999	21.433	-.10668	-.08179	-.19047	.39905	-.11123	-.10688	1.17258	.49365	.43767	2.67915
	GRADIENT	-.00049	-.00190	-.00238	.01542	-.00326	-.00461	.04756	.00216	.00257	.92361

RUN NO. 26/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.160	-.01616	-.00515	-.02131	.00115	-.01396	-.00215	-.07411	.09647	.05073	-1.46091
.901	.057	-.01231	-.00546	-.01777	.04694	-.02551	-.01585	.06000	.09391	.04959	1.21003
.901	2.269	-.01134	-.00894	-.02028	.09417	-.03797	-.02952	.19178	.10042	.05784	3.31555
.901	4.454	-.01143	-.02527	-.03670	.13695	-.05028	-.04188	.31833	.11700	.07483	4.25430
.901	8.856	-.05557	-.05190	-.10747	.21036	-.07187	-.06085	.54390	.17860	.13585	4.00358
.900	13.224	-.11379	-.07249	-.18628	.28053	-.09658	-.07724	.76015	.27861	.23053	3.29735
.901	17.624	-.15029	-.09315	-.24344	.33423	-.11057	-.08991	.96747	.41311	.35688	2.71088
.900	21.914	-.15262	-.09446	-.24708	.33465	-.09794	-.08778	1.05644	.53563	.46422	2.27571
	GRADIENT	.00069	-.00289	-.00220	.02062	-.00551	-.00603	.05936	.00308	.00365	.87350

RUN NO. 25/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.139	-.03784	-.01760	-.05544	.00163	-.01215	-.00212	-.07680	.16160	.10213	-.75195
1.201	.046	-.04773	-.02708	-.07481	.05238	-.03147	-.01648	.05156	.16057	.10089	.51104
1.201	2.244	-.05563	-.03986	-.09549	.09866	-.04863	-.02971	.17842	.16907	.10891	1.63822
1.201	4.429	-.06626	-.05359	-.12185	.13700	-.06168	-.04078	.30015	.18491	.12446	2.41156
1.201	8.815	-.11289	-.07669	-.18958	.21856	-.08852	-.06313	.54097	.24112	.17986	3.00769
1.199	13.224	-.16160	-.09556	-.25716	.29609	-.11381	-.08297	.77960	.33973	.27592	2.82546
1.199	17.607	-.22918	-.11315	-.34233	.35667	-.13429	-.09735	.98284	.47083	.40301	2.43877
1.200	21.933	-.27248	-.12399	-.39647	.39227	-.14435	-.10492	1.12655	.60984	.53932	2.08884
	GRADIENT	-.00453	-.00551	-.01004	.02066	-.00757	-.00590	.05742	.00358	.00342	.48479

LARC8-686(CA-116) (B26C9F8M16N26) (W116E43) (V8R8) (SHU018) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1078.6800 IN. XO
LREF = 474.9117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0190

PARAMETRIC DATA

BETA = .000 ELV-LO = 20.000
ELV-LI = 20.000 ELV-RI = 20.000
ELV-RO = 20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 24/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-1.954	-.07698	-.04098	-.11796	.09658	-.05534	-.03081	.15680	.09725	.05480	2.86138
.350	.087	-.08053	-.04619	-.12672	.12353	-.06073	-.03924	.24227	.10414	.06172	3.92508
.350	2.141	-.08507	-.05200	-.13707	.15592	-.06853	-.04841	.33157	.11281	.07090	4.67642
.350	4.178	-.09217	-.05953	-.15170	.18599	-.07855	-.05668	.42629	.12234	.08061	5.28847
.350	8.272	-.10795	-.06759	-.17554	.24331	-.09156	-.07363	.62185	.16091	.12045	5.16283
.350	12.378	-.13438	-.07839	-.21277	.32068	-.11353	-.09368	.84211	.23261	.19146	4.39841
.350	16.489	-.16993	-.08721	-.25714	.39711	-.13358	-.11134	1.05535	.36119	.31686	3.33063
.349	20.605	-.20342	-.10067	-.30409	.46004	-.14700	-.12639	1.27069	.51934	.46913	2.70863
	GRADIENT	-.00245	-.00301	-.00546	.01471	-.00379	-.00425	.04391	.00411	.00424	.39293

RUN NO. 23/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-1.937	-.08453	-.04246	-.12699	.09642	-.05836	-.02980	.14160	.10004	.05456	2.59552
.600	.194	-.08799	-.04809	-.13608	.13287	-.06655	-.03987	.24177	.10658	.06152	3.92990
.599	2.308	-.09234	-.05439	-.14673	.16517	-.07388	-.04980	.34414	.11632	.07206	4.77567
.600	4.432	-.09618	-.06142	-.15760	.19867	-.08102	-.06009	.44567	.12957	.08660	5.14643
.599	8.729	-.11978	-.07115	-.19091	.28091	-.10296	-.08363	.68978	.18119	.13855	4.97866
.599	12.974	-.15627	-.07999	-.23626	.34089	-.11817	-.09658	.88765	.28004	.23460	3.78364
.598	17.240	-.20243	-.09070	-.29313	.39353	-.12913	-.10663	1.06906	.40839	.35783	2.98762
.599	21.529	-.20610	-.11512	-.32122	.44108	-.13373	-.11681	1.26817	.56815	.50914	2.49082
	GRADIENT	-.00185	-.00298	-.00483	.01598	-.00355	-.00478	.04781	.00463	.00503	.40055

RUN NO. 22/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.026	-.13496	-.05832	-.19328	.06873	-.05308	-.02117	.06945	.12552	.07441	.93341
.901	.182	-.14097	-.06781	-.20878	.11700	-.06716	-.03585	.20776	.13162	.08173	2.54213
.902	2.415	-.14550	-.07842	-.22392	.16997	-.08277	-.05119	.34957	.14649	.09784	3.57281
.900	4.639	-.15081	-.08314	-.23395	.21662	-.09635	-.06481	.48422	.16814	.12029	4.02536
.900	9.006	-.19119	-.09520	-.28639	.28264	-.11413	-.08035	.69477	.24010	.19115	3.63467
.901	13.372	-.24680	-.11026	-.35706	.34459	-.13314	-.09463	.88802	.34932	.29373	3.00283
.900	17.732	-.27462	-.12135	-.39597	.37288	-.13451	-.09968	1.04941	.48091	.41695	2.51687
.900	22.035	-.22519	-.11546	-.34065	.37265	-.12024	-.09745	1.12377	.60109	.52069	2.15824
	GRADIENT	-.00234	-.00383	-.00617	.02234	-.00654	-.00658	.06236	.00642	.00692	.46348

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OF POOR QUALITY

LARC8-686(CA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU016) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	20.000
ELV-LI =	20.000	ELV-RI =	20.000
ELV-RO =	20.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 21/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.500	-2.084	-.18173	-.07874	-.26047	.04998	-.04398	-.01517	.01355	.18439	.12240	.12705
1.200	.131	-.18724	-.08636	-.27360	.09814	-.06244	-.02943	.15055	.18725	.12528	1.20177
1.201	2.314	-.19182	-.09759	-.28941	.14346	-.07915	-.04258	.28243	.20029	.13802	2.04629
1.200	4.514	-.20404	-.10647	-.31051	.18670	-.09400	-.05492	.40821	.22233	.15929	2.56263
1.199	8.927	-.24096	-.12011	-.36107	.27387	-.12162	-.07837	.65679	.29071	.22599	2.90628
1.199	13.324	-.28058	-.13171	-.41229	.34334	-.14177	-.09562	.88240	.40029	.33188	2.65880
1.199	17.704	-.32911	-.14575	-.47486	.40075	-.15929	-.10880	1.06907	.53755	.46621	2.29311
1.200	22.031	-.35567	-.15148	-.50715	.43251	-.16655	-.11553	1.19467	.67547	.60460	1.97597
	GRADIENT	-.00326	-.00431	-.00757	.02086	-.00761	-.00604	.05976	.00576	.00563	.37188

LARC8-686(CA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU017) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-10.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-10.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 16/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.349	-2.121	.11388	.05238	.16626	-.16854	.07546	.04091	-.32271	.08752	.05564	-5.79963
.350	-.048	.11188	.04959	.16145	-.14457	.07057	.03275	-.23286	.07862	.04709	-4.94470
.350	2.017	.10946	.04814	.15760	-.11260	.06422	.02378	-.13935	.07208	.04115	-3.38664
.350	4.020	.10637	.04626	.15263	-.07880	.05591	.01439	-.05138	.06929	.03903	-1.31651
.350	8.164	.10215	.04294	.14509	-.01096	.04006	-.00428	.14019	.07345	.04470	3.13617
.350	12.263	.09598	.02578	.12136	.05868	.02138	-.02227	.34120	.10326	.07340	4.64836
.350	16.313	.08071	.01090	.09161	.13541	-.00134	-.04228	.56709	.18286	.14865	3.81496
.349	20.413	.04727	.00137	.04864	.19549	-.01473	-.05766	.78089	.29827	.25874	3.01801
	GRADIENT	-.00122	-.00097	-.00218	.01469	-.00317	-.00432	.04429	-.00299	-.00273	.73146

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU017) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 379.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 15/ 0 RN/L = 3.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-2.343	.12821	.05625	.18446	-.15263	.07047	.04038	-.34249	.09065	.05640	-6.07287
.599	-.139	.12539	.05307	.17846	-.12128	.06427	.03065	-.23917	.07961	.04590	-5.21039
.599	2.022	.12218	.05086	.17304	-.08636	.05684	.02071	-.13911	.07221	.03907	-3.56014
.599	4.024	.11931	.04946	.16877	-.05488	.04945	.01149	-.04545	.06912	.03694	-1.23056
.599	8.393	.11697	.04518	.16215	.01999	.03137	-.00926	.16728	.07530	.04482	3.73207
.599	12.598	.10817	.02137	.12954	.09436	.00983	-.03012	.39709	.12422	.09143	4.34326
.599	16.940	.08372	.00846	.09218	.16800	-.00920	-.04763	.61812	.21907	.18140	3.40743
.596	21.167	.05423	-.00318	.05105	.24285	-.02979	-.06498	.84109	.34893	.30475	2.75998
	GRADIENT	-.00141	-.00107	-.00247	.01543	-.00331	-.00454	.04652	-.00340	-.00308	.75724

RUN NO. 14/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.426	.20517	.08726	.29243	-.16031	.08146	.04291	-.39325	.12366	.08544	-4.60244
.900	-.177	.20109	.07920	.28029	-.11020	.06764	.02808	-.24913	.10668	.06925	-3.59767
.900	2.051	.19055	.07096	.26151	-.05709	.05065	.01317	-.11522	.09827	.06148	-1.87408
.901	4.220	.17994	.05655	.23649	-.00588	.03359	-.00207	.02877	.10092	.06509	.44194
.900	8.665	.17935	.03420	.21355	.09115	.00061	-.02863	.29457	.13859	.10369	2.84090
.900	13.078	.15055	.03232	.18287	.15923	-.01995	-.04518	.51124	.21381	.17596	2.90546
.901	17.459	.12586	.02114	.14700	.21034	-.03199	-.05672	.70687	.32062	.27626	2.55872
.901	21.800	.08569	.01877	.10446	.24011	-.03487	-.06246	.84924	.43984	.38414	2.21073
	GRADIENT	-.00389	-.00452	-.00841	.02329	-.00724	-.00676	.06315	-.00347	-.00312	.75937

RUN NO. 13/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.267	.24787	.07925	.32712	-.11673	.06555	.02938	-.27306	.17552	.12163	-2.24499
1.200	-.039	.24081	.05454	.29535	-.08054	.04273	.01323	-.13271	.16368	.10947	-1.21225
1.200	2.144	.22695	.03850	.26545	-.01038	.02275	-.00072	-.00536	.16288	.10713	-.05004
1.200	4.337	.20205	.02928	.23133	.03350	.00643	-.01338	.12467	.17026	.11345	1.09895
1.200	8.663	.16229	.01121	.17350	.11766	-.02273	-.03623	.36833	.20759	.15082	2.44226
1.200	13.104	.11357	-.00474	.10883	.20255	-.05033	-.05701	.60986	.28922	.22830	2.67129
1.200	17.426	.02600	-.02000	.00600	.26611	-.07329	-.07271	.81972	.40100	.33645	2.43635
1.200	21.818	-.03802	-.03318	-.07120	.30526	-.08639	-.08119	.96495	.52583	.45689	2.11199
	GRADIENT	-.00687	-.00755	-.01442	.02278	-.00897	-.00647	.06004	-.00076	-.00123	.50887

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU018) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	-20.000	ELV-RI =	-20.000
ELV-RO =	-20.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 20/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.348	-2.144	.18855	.07703	.26558	-.23413	.10850	.05936	-.43844	.11144	.08208	-5.34158
.348	-.071	.18568	.07413	.25981	-.20199	.10218	.05043	-.35013	.09899	.06970	-5.02357
.348	1.931	.18366	.07120	.25486	-.17621	.09822	.04259	-.26347	.08985	.06045	-4.35835
.348	3.994	.18047	.06872	.24919	-.15085	.09224	.03443	-.17178	.08319	.05401	-3.18032
.348	8.096	.17782	.06344	.24126	-.08582	.07729	.01578	.01701	.08033	.05138	.33104
.348	12.163	.17471	.05102	.22573	-.02826	.06218	-.00017	.21795	.10167	.07205	3.02567
.347	16.308	.17373	.04226	.21599	.05314	.03978	-.02053	.42929	.16745	.13511	3.17730
.347	20.433	.14535	.03461	.17996	.11496	.02569	-.03559	.62568	.26437	.22755	2.74967
	GRADIENT	-.00129	-.00136	-.00265	.01350	-.00258	-.00405	.04343	-.00460	-.00498	.35010

RUN NO. 19/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.601	-2.373	.20078	.08227	.28305	-.21028	.10083	.05708	-.45140	.11790	.08582	-5.26002
.598	-.275	.19707	.07920	.27627	-.17679	.09337	.04700	-.35416	.10329	.07084	-4.99912
.599	1.867	.19399	.07632	.27231	-.14239	.08613	.03707	-.25177	.09266	.06097	-4.12958
.600	4.114	.19269	.07370	.26639	-.10802	.07761	.02689	-.14551	.08480	.05343	-2.72352
.600	8.280	.19012	.06581	.25593	-.04020	.06153	.00724	.05697	.08359	.05321	1.07072
.599	12.474	.19254	.04773	.24027	.03678	.03898	-.01366	.28338	.11838	.08670	3.26830
.599	16.798	.18698	.03385	.22083	.10101	.02479	-.02948	.49202	.20260	.16660	2.95332
.599	21.067	.16417	.02810	.19227	.17139	.00777	-.04522	.69634	.31713	.27554	2.52907
	GRADIENT	-.00117	-.00132	-.00250	.01579	-.00356	-.00465	.04722	-.00508	-.00494	.39422

RUN NO. 18/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEDTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.516	.28611	.13391	.42202	-.20786	.10682	.05656	-.50332	.16010	.12176	-4.13382
.901	-.312	.28993	.12427	.41420	-.16545	.09620	.04359	-.37096	.13933	.10182	-3.64335
.901	1.871	.27992	.11589	.39581	-.11535	.08089	.02976	-.24421	.12436	.08762	-2.78725
.901	4.123	.26632	.09718	.36350	-.05778	.06079	.01297	-.09079	.11674	.08096	-1.12142
.901	8.647	.25769	.04765	.30534	.06297	.01618	-.02079	.21982	.14350	.10967	2.00436
.901	13.036	.21151	.02495	.23646	.15024	-.01464	-.04311	.48116	.22000	.18100	2.65842
.901	17.373	.17187	.02528	.19715	.19937	-.02509	-.05397	.66519	.32219	.27590	2.41101
.901	21.736	.12833	.02662	.15495	.21687	-.02114	-.05641	.80458	.43948	.38387	2.09599
	GRADIENT	-.00342	-.00537	-.00879	.02265	-.00695	-.00654	.06175	-.00656	-.00617	.44830

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU018) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -20.000 ELV-RI = -20.000
ELV-RO = -20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 17/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.378	.33120	.11178	.44298	-.16299	.09177	.04282	-.37256	.20842	.15468	-2.40858
1.201	-.181	.32867	.07825	.40692	-.11232	.07073	.02760	-.23164	.18879	.13539	-1.71098
1.200	2.034	.31589	.04968	.36557	-.04981	.04468	.01020	-.08674	.17927	.12606	-.68810
1.200	4.279	.30651	.03334	.33985	.00030	.02596	-.00344	.04578	.18115	.12762	.35873
1.200	8.662	.24850	.02507	.27357	.09434	-.00726	-.02870	.30668	.21555	.15841	1.93601
1.200	13.052	.21891	.02455	.24346	.17441	-.03299	-.04904	.54768	.29152	.23037	2.37741
1.199	17.432	.13048	.01258	.14306	.24331	-.05671	-.06557	.76158	.39955	.33428	2.27829
1.199	21.753	.05154	-.00172	.04982	.28835	-.07235	-.07541	.91561	.51783	.44968	2.03613
	GRADIENT	-.00392	-.01189	-.01580	.02490	-.01007	-.00704	.06309	-.00411	-.00407	.42045

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU019) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -20.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 86/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.207	.26296	.09888	.36184	-.12738	.07198	.03311	-.29626	.18340	.12897	-2.29703
1.200	-.058	.25165	.07011	.32176	-.06813	.04770	.01628	-.15248	.16809	.11346	-1.34387
1.201	2.109	.23579	.04485	.28064	-.01540	.02646	.00138	-.01382	.16532	.10931	-.12638
1.200	4.290	.21096	.03005	.24101	.02692	.01032	-.01104	.11571	.17221	.11490	1.00703
1.200	8.672	.16272	.01586	.17858	.11434	-.02037	-.03483	.36402	.20894	.15178	2.39831
1.200	13.197	.11560	.00897	.12457	.19622	-.04690	-.05552	.60830	.29245	.23122	2.63079
1.200	17.496	.02486	-.00044	.02442	.26118	-.06978	-.07112	.81424	.40275	.33784	2.41015
1.199	21.753	-.03995	-.00905	-.04900	.30039	-.08262	-.07990	.96387	.52716	.45702	2.10903
	GRADIENT	-.00794	-.01070	-.01864	.02380	-.00952	-.00680	.06346	-.00167	-.00213	.51394

ORIGINAL PAGE IS OF POOR QUALITY

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU020) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-30.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-30.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 59/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.312	.24917	.12437	.37354	-.14358	.08039	.03805	-.33036	.19822	.14190	-2.33468
1.201	-.094	.25114	.08306	.33420	-.08579	.05650	.02124	-.17972	.17465	.12026	-1.49441
1.200	2.130	.23354	.05649	.29003	-.03107	.03443	.00561	-.03474	.16787	.11216	-.30978
1.200	4.274	.21220	.03884	.25084	.01966	.01476	-.00850	.09948	.17254	.11354	.86098
1.200	8.684	.16372	.01427	.17799	.10673	-.01737	-.03313	.35815	.20771	.15096	2.37879
1.200	13.041	.11619	.00706	.12321	.18898	-.04291	-.05319	.59500	.28905	.22779	2.61208
1.200	17.479	.03368	.01051	.04419	.25403	-.06617	-.06920	.80460	.40249	.33732	2.38526
1.201	21.799	-.03656	.00216	-.03440	.29658	-.08059	-.07897	.93918	.52786	.45777	2.09533
	GRADIENT	-.00583	-.01292	-.01876	.02477	-.00996	-.00706	.06527	-.00356	-.00393	.48979

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU021) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-40.000
ELV-LI =	-10.000	ELV-RI =	-10.000
ELV-RO =	-40.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 46/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.386	.23891	.15636	.39527	-.16521	.08986	.04534	-.36968	.21524	.15856	-2.33147
1.200	-.170	.21195	.14074	.35269	-.10786	.06605	.02840	-.22153	.19173	.13663	-1.62134
1.201	2.051	.22240	.08629	.30869	-.04660	.04109	.01092	-.07055	.17624	.12124	-.58188
1.201	4.246	.20989	.05456	.26445	.00471	.02093	-.00400	.07319	.17608	.11941	.61294
1.201	8.658	.16188	.02198	.18386	.10273	-.01533	-.03113	.34487	.20699	.14984	2.30164
1.199	13.071	.11059	.00573	.11632	.18474	-.04128	-.05206	.59029	.28707	.22599	2.61202
1.199	17.458	.03430	.00167	.03597	.25015	-.06478	-.06796	.79934	.39891	.33350	2.39683
1.200	21.786	-.03529	-.00372	-.03901	.29687	-.08087	-.07859	.95303	.52519	.45520	2.09367
	GRADIENT	-.00546	-.01627	-.01973	.02582	-.01048	-.00748	.06690	-.00602	-.00601	.44629

LARC8-696(CA-116) (B26C9F8M16N28) (W116E43) (V8R3) (SHU022) (17 DEC 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 37/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.056	.03352	-.00259	.03093	-.09883	.04035	.02492	-.16325	.07539	.04003	-4.07783
.351	-.003	.03249	-.00421	.02828	-.07000	.03455	.01625	-.07262	.07193	.03673	-1.97686
.350	2.072	.03162	-.00680	.02482	-.04158	.02925	.00784	.01765	.07089	.03598	.49634
.351	4.095	.03062	-.01032	.02030	-.01830	.02526	.00026	.10756	.07250	.03858	2.78274
.350	8.219	.02531	-.01903	.00628	.04941	.00932	-.01846	.29914	.08770	.05489	5.45038
.350	12.239	.01215	-.03082	-.01867	.11391	-.00741	-.03589	.50336	.12949	.09379	5.25805
.350	16.378	-.01276	-.04443	-.05719	.19066	-.03044	-.05667	.74578	.22934	.19158	3.89274
.349	20.516	-.04320	-.06024	-.10344	.26849	-.05174	-.07541	.95885	.36165	.31675	3.02713
	GRADIENT	-.00047	-.00126	-.00172	.01316	-.00246	-.00401	.04395	-.00047	-.00025	1.12310

RUN NO. 36/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.599	-2.135	.03539	-.00109	.03430	-.08765	.03825	.02444	-.17644	.07680	.03911	-4.51095
.600	-.093	.03466	-.00288	.03178	-.05739	.03195	.01545	-.08266	.07227	.03491	-2.36800
.600	2.063	.03413	-.00549	.02864	-.02308	.02461	.00544	.02141	.07056	.03390	.63147
.599	4.255	.03333	-.00953	.02380	.01046	.01762	-.00415	.12275	.07277	.03709	3.30921
.599	8.407	.02829	-.01803	.01026	.07836	.00198	-.02368	.33000	.09052	.05604	5.86852
.599	12.785	.01166	-.03630	-.02464	.15845	-.02299	-.04566	.57421	.16014	.12338	4.65407
.599	17.087	-.01959	-.05045	-.07004	.22528	-.04125	-.06092	.78221	.26841	.22581	3.46405
.600	21.344	-.04083	-.07623	-.11706	.30743	-.06386	-.08139	1.01648	.41846	.36743	2.77194
	GRADIENT	-.00031	-.00131	-.00163	.01541	-.00325	-.00449	.04697	-.00064	-.00032	1.24150

RUN NO. 35/ 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-2.217	.03742	.00049	.03791	-.09531	.04301	.02691	-.20082	.08292	.04441	-4.52209
.601	-.058	.03693	-.00091	.03602	-.05437	.03228	.01467	-.08667	.07635	.03863	-2.24387
.601	2.180	.03700	-.00341	.03359	-.01507	.02349	.00338	.02914	.07512	.03851	.75678
.601	4.293	.03771	-.00742	.03029	.02219	.01532	-.00737	.14201	.07880	.04349	3.26518
.600	8.720	.03351	-.02072	.01279	.10219	-.00688	-.02992	.38147	.11597	.08142	4.68494
.601	13.098	.00731	-.04277	-.03546	.17488	-.03085	-.04759	.59636	.19955	.16131	3.69710
.600	17.539	-.02658	-.06497	-.09155	.23497	-.04560	-.06167	.81598	.32102	.27473	2.97006
.600	21.928	-.04577	-.07306	-.11883	.26759	-.05048	-.06817	.96446	.45306	.39587	2.43629
	GRADIENT	.00004	-.00120	-.00116	.01800	-.00422	-.00524	.05256	-.00063	-.00014	1.21134

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU022) (17 DEC 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.8817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0150				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	10.000
ELV-LI =	.000	ELV-RI =	.000
ELV-RO =	-10.000	RUDDER =	.000
SPDBRK =	25.000		

RUN NO. 34/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.274	.03960	.00212	.04172	-.09576	.04502	.02683	-.21430	.09771	.05533	-3.87200
.900	-.094	.03983	.00254	.04237	-.04888	.03218	.01279	-.08328	.08950	.04822	-1.72694
.900	2.133	.04082	-.00102	.03980	.00236	.01679	-.00219	.05327	.09201	.05188	1.02679
.901	4.369	.04872	-.00912	.03960	.04959	.00203	-.01626	.17987	.09936	.06057	2.96942
.901	8.780	.04517	-.03413	.01104	.12457	-.02007	-.03629	.40267	.14553	.10745	3.74752
.902	13.088	-.00879	-.05340	-.06219	.19066	-.04090	-.05224	.61902	.23033	.18862	3.28192
.900	17.511	-.05469	-.08129	-.13598	.25281	-.05985	-.06672	.83133	.35215	.30299	2.74377
.900	21.838	-.08618	-.08510	-.17128	.28067	-.06243	-.07264	.96741	.48019	.41767	2.31619
	GRADIENT	.00128	-.00168	-.00040	.02197	-.00651	-.00650	.05948	.00034	.00088	1.04986

RUN NO. 33/ 0 RN/L = 3.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.980	-2.160	.06185	-.00371	.05814	-.09175	.04776	.02572	-.22021	.14227	.08304	-2.65187
.981	.009	.03322	-.00549	.04773	-.04537	.03327	.01171	-.08374	.13212	.07417	-1.12910
.980	2.181	.04951	-.01190	.03761	.00536	.01651	-.00321	.05529	.13112	.07458	.74140
.980	4.398	.05205	-.02293	.02912	.05714	-.00191	-.01858	.19882	.14227	.08626	2.30486
.980	8.773	.05204	-.05393	-.00189	.14707	-.03338	-.04328	.45924	.19472	.13609	3.37463
.980	13.200	-.03342	-.08237	-.11579	.22342	-.06172	-.06286	.69638	.29214	.22536	3.09012
.980	17.644	-.10797	-.09970	-.20767	.30479	-.09233	-.08353	.92665	.42355	.34975	2.64943
.980	22.100	-.13510	-.12199	-.25709	.35765	-.10810	-.09522	1.11448	.57845	.49840	2.23611
	GRADIENT	-.00151	-.00294	-.00445	.02277	-.00739	-.00677	.06391	-.00003	.00047	.76625

RUN NO. 32/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.173	.09029	-.01135	.07894	-.07087	.03727	.01903	-.17429	.16053	.10438	-1.66983
1.201	.049	.07968	-.01926	.06042	-.01950	.01673	.00385	-.04018	.15485	.09821	-.40909
1.201	2.236	.06610	-.03075	.03535	.03171	-.00304	-.01043	.08925	.15893	.10148	.87948
1.201	4.381	.05127	-.04046	.01081	.07404	-.01885	-.02290	.21160	.17039	.11231	1.88408
1.201	8.772	.01312	-.06245	-.04933	.15118	-.04450	-.04416	.44717	.21444	.15608	2.86504
1.201	13.124	-.04158	-.08229	-.12387	.22990	-.07087	-.06362	.68320	.30430	.24123	2.83216
1.200	17.571	-.11000	-.09994	-.20994	.29008	-.09145	-.07845	.89213	.42878	.35942	2.48214
1.200	21.891	-.16753	-.11282	-.28035	.32985	-.10443	-.08722	1.03752	.55805	.48588	2.13537
	GRADIENT	-.00597	-.00452	-.01050	.02225	-.00861	-.00641	.05891	.00153	.00122	.54708

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU023) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 40/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.158	.14425	.09565	.23990	-.05990	.02711	.01295	-.19520	.16336	.10751	-1.81561
1.200	-.032	.12411	.07273	.19684	-.00814	.00678	-.00162	-.06341	.15529	.09934	-.63833
1.200	2.228	.10112	.05404	.15516	.03719	-.01054	-.01475	.06860	.15719	.10057	.68208
1.200	4.381	.07883	.04181	.12064	.08149	-.02606	-.02754	.19681	.16901	.11183	1.75987
1.200	8.751	.02862	.01447	.04309	.15608	-.04898	-.04723	.43318	.21311	.15484	2.79756
1.200	13.180	-.02167	.00209	-.01958	.23600	-.07605	-.06735	.67336	.30287	.24009	2.80463
1.200	17.530	-.09279	-.00429	-.09708	.29847	-.09833	-.08247	.87765	.42380	.35487	2.47318
1.200	21.823	-.14645	-.01180	-.15825	.33657	-.11058	-.09087	1.02566	.55219	.47934	2.13973
	GRADIENT	-.01002	-.00823	-.01826	.02145	-.00808	-.00612	.05978	.00087	.00065	.55076

ORIGINAL PAGE IS
OF POOR QUALITY

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU024) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -30.000
ELV-LI = .000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 47/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.237	.12934	.13590	.26524	-.07818	.04012	.02008	-.22810	.17153	.11623	-1.96243
1.201	-.051	.12033	.09839	.21872	-.02295	.01810	.00438	-.08838	.15920	.10399	-.84991
1.200	2.143	.11034	.06955	.17989	.02681	-.00128	-.00979	.04739	.15868	.10282	.46090
1.200	4.343	.08173	.05037	.13210	.06914	-.01701	-.02220	.17591	.16834	.11193	1.57158
1.200	8.735	.02772	.01482	.04254	.14974	-.04426	-.04438	.42469	.21128	.15377	2.76185
1.199	13.139	-.02079	.00666	-.01413	.22766	-.06978	-.06335	.66071	.29919	.23651	2.79362
1.198	17.508	-.09007	.00792	-.08215	.28835	-.09091	-.07824	.86453	.41949	.35067	2.46537
1.200	21.855	-.14673	.00230	-.14443	.32869	-.10422	-.08719	1.01457	.54897	.47638	2.12973
	GRADIENT	-.00697	-.01301	-.01998	.02242	-.00870	-.00643	.06145	-.00046	-.00064	.54312

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU025) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 10.000 ELV-RI = 10.000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 31/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.162	-.03799	-.01698	-.05497	-.03516	.01257	.01078	-.10891	.16212	.10364	-1.05086
1.201	.037	-.04895	-.02592	-.07485	.01564	-.00748	-.00413	.02233	.15925	.10051	.22218
1.201	2.213	-.05937	-.03790	-.09727	.06043	-.02424	-.01718	.14887	.16657	.10687	1.39301
1.201	4.385	-.06995	-.04987	-.11982	.10270	-.03986	-.02944	.27014	.18148	.12135	2.22614
1.200	8.816	-.11249	-.07597	-.18846	.18426	-.06731	-.05184	.51297	.23278	.17217	2.97942
1.200	13.212	-.16153	-.09529	-.25682	.26109	-.09215	-.07102	.74922	.32814	.26456	2.83194
1.200	17.651	-.22989	-.11326	-.34315	.32420	-.11370	-.08659	.95835	.45927	.39128	2.44924
1.200	21.918	-.27257	-.12372	-.39629	.36342	-.12559	-.09556	1.10569	.59504	.52431	2.10885
	GRADIENT	-.00487	-.00507	-.00994	.02101	-.00798	-.00613	.05792	.00299	.00272	.50439

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU026) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 58/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.234	.22184	-.00366	.21818	-.11377	.06435	.02894	-.24238	.17318	.11885	-2.03930
1.199	-.021	.21520	-.01129	.20391	-.05694	.04153	.01266	-.10796	.16547	.10863	-.99378
1.200	2.157	.20931	-.02605	.18326	-.00816	.02236	-.00132	.02152	.16439	.10828	.19875
1.199	4.312	.19338	-.03968	.15370	.03664	.00507	-.01396	.14564	.17280	.11579	1.25780
1.200	8.777	.15524	-.05614	.09910	.12070	-.02370	-.03697	.39287	.21295	.15578	2.52201
1.200	13.075	.10392	-.07806	.02586	.19906	-.04922	-.05676	.62817	.29445	.23360	2.68903
1.200	17.542	.01891	-.09316	-.07425	.26356	-.07228	-.07259	.83729	.41032	.34563	2.42254
1.200	21.794	-.04049	-.10293	-.14342	.30037	-.08419	-.08064	.97634	.53272	.46447	2.10204
	GRADIENT	-.00418	-.00563	-.00980	.02293	-.00903	-.00654	.05930	-.00002	-.00045	.50803

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU027) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = .000 RUDDER = .000
SPOBRK = 25.000

RUN NO. 81/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.111	.11991	.06938	.18929	-.10479	.04688	.02511	-.28971	.08780	.05569	-5.20216
.351	-.059	.11644	.06634	.18278	-.07427	.04009	.01655	-.20272	.07947	.04764	-4.25494
.351	1.985	.11337	.06353	.17690	-.04581	.03350	.00797	-.11300	.07397	.04277	-2.64184
.351	4.021	.10974	.06126	.17100	-.01552	.02709	-.00094	-.01818	.07183	.04139	-.43925
.350	8.122	.10714	.05776	.16490	.05045	.01116	-.01962	.16906	.07778	.04885	3.46101
.350	12.202	.10068	.04544	.14612	.10555	-.00375	-.03444	.36833	.10886	.07903	4.66076
.350	16.340	.08623	.03280	.11903	.17496	-.01845	-.05295	.58208	.18861	.15513	3.75221
.350	20.432	.05868	.02034	.07902	.24641	-.03715	-.07035	.79684	.30514	.26611	2.99445
	GRADIENT	-.00164	-.00133	-.00297	.01449	-.00323	-.00424	.04424	-.00261	-.00234	.77774

RUN NO. 80/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-2.262	.13537	.07346	.20883	-.10796	.04838	.02738	-.31467	.09120	.05693	-5.52704
.601	-.143	.13109	.06991	.20100	-.07650	.04211	.01799	-.21624	.08111	.04726	-4.57595
.600	1.980	.12648	.06711	.19359	-.04164	.03429	.00803	-.11398	.07480	.04152	-2.74500
.601	4.099	.12207	.06466	.18673	-.00748	.02636	-.00180	-.01513	.07224	.03998	-.37849
.600	8.334	.11877	.05994	.17871	.06662	.00821	-.02280	.19629	.07995	.04902	4.00398
.600	12.613	.11119	.03738	.14857	.13424	-.00888	-.04160	.42599	.13021	.09728	4.37913
.601	16.911	.08997	.02748	.11743	.19926	-.02465	-.05721	.63477	.22602	.18876	3.36284
.600	21.183	.06858	.01007	.07865	.27524	-.04591	-.07464	.85570	.35799	.31362	2.72845
	GRADIENT	-.00210	-.00138	-.00348	.01586	-.00348	-.00460	.04720	-.00298	-.00267	.81471

RUN NO. 79/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.415	.22616	.11791	.34407	-.11513	.05691	.02986	-.37210	.12278	.08418	-4.42029
.901	-.214	.22031	.10867	.32898	-.07028	.04554	.01681	-.24017	.10764	.06967	-3.44739
.900	1.994	.20374	.09939	.30313	-.02408	.03227	.00363	-.10843	.09955	.06265	-1.73058
.901	4.219	.18465	.07931	.26394	.02809	.01657	-.01098	.03835	.10208	.06605	.58055
.901	8.664	.17953	.01881	.19834	.10808	-.00792	-.03336	.31458	.13885	.10358	3.03717
.901	13.033	.14930	.01168	.16098	.17633	-.02930	-.05020	.52871	.21523	.17713	2.99489
.900	17.394	.12856	.01684	.14540	.22889	-.04274	-.06215	.71866	.32221	.27678	2.59650
.901	21.766	.08742	.01967	.10709	.26132	-.04750	-.06881	.86794	.44490	.38899	2.23129
	GRADIENT	-.00639	-.00566	-.01205	.02152	-.00607	-.00814	.06165	-.00317	-.00277	.75651

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU027) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 78/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.280	.26104	.09862	.35966	-.08179	.04614	.01994	-.26256	.17629	.12176	-2.15627
1.201	-.077	.25035	.06997	.32032	-.02956	.02633	.00532	-.12679	.16442	.10936	-1.15940
1.200	2.104	.23513	.04544	.28057	.01669	.00866	-.00787	.00608	.16288	.10653	.05711
1.200	4.295	.21091	.03034	.24145	.05802	-.00668	-.02004	.13445	.17097	.11407	1.17870
1.199	8.698	.16308	.01606	.17914	.14156	-.03498	-.04290	.38189	.21022	.15320	2.49267
1.199	13.108	.11747	.00908	.12655	.22441	-.06241	-.06364	.62174	.29266	.23246	2.67464
1.199	17.491	.02801	-.00028	.02773	.28680	-.08475	-.07873	.83025	.40630	.34161	2.43038
	21.817	-.03695	-.00885	-.04580	.32197	-.09578	-.08635	.97167	.53031	.46169	2.10461
	GRADIENT	-.00756	-.01044	-.01800	.02126	-.00804	-.00608	.06044	-.00080	-.00118	.51221

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU028) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -10.000 ELV-RI = -10.000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 39/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.284	.26335	.09941	.36276	-.09482	.05127	.02205	-.26664	.17716	.12270	-2.17310
1.201	-.080	.25425	.07067	.32492	-.04111	.03036	.00692	-.12913	.16503	.11043	-1.16935
1.201	2.098	.23838	.04499	.28337	.00611	.01214	-.00649	.00163	.16340	.10745	.01513
1.200	4.358	.21217	.02868	.24105	.04892	-.00351	-.01903	.13640	.17142	.11461	1.19008
1.200	8.680	.16644	.01666	.18310	.12891	-.03035	-.04073	.37587	.21006	.15333	2.45136
1.200	13.088	.11525	.00892	.12417	.21030	-.05729	-.06119	.61608	.29147	.23045	2.67337
1.200	17.529	.02569	-.00045	.02524	.27420	-.07977	-.07674	.82833	.40697	.34266	2.41735
	21.856	-.03864	-.00894	-.04758	.30731	-.09028	-.08406	.97010	.53072	.46210	2.09935
	GRADIENT	-.00767	-.01072	-.01840	.02164	-.00826	-.00618	.06061	-.00084	-.00122	.51007

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU028) (17 DEC 74)

ORIGINAL PAGE IS
OF POOR QUALITY

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6917 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = -20.000 ELV-RI = -20.000
ELV-RO = -30.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 85/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.156	.18523	.05718	.24241	-.21924	.10236	.05909	-.43545	.11142	.08139	-5.35037
.350	-.111	.18408	.05372	.23780	-.18683	.09548	.04918	-.34033	.09885	.06862	-4.95945
.351	1.965	.18357	.05127	.23484	-.15432	.08787	.04007	-.24670	.08945	.05907	-4.17616
.350	4.079	.18073	.04886	.22959	-.13156	.08389	.03263	-.15425	.08285	.05257	-2.93431
.350	8.181	.17759	.04465	.22224	-.06734	.06883	.01447	.03336	.08125	.05094	.65487
.350	12.220	.17360	.03094	.20454	.00217	.04862	-.00499	.23509	.10285	.07227	3.25288
.350	16.316	.16865	.01724	.18587	.06637	.03370	-.02116	.44303	.16693	.13365	3.31472
.349	20.472	.13797	.00594	.14391	.12529	.02304	-.03434	.63540	.26725	.22999	2.76269
	GRADIENT	-.00068	-.00132	-.00199	.01421	-.00303	-.00426	.04510	-.00457	-.00461	.38714

RUN NO. 84/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.600	-2.279	.19398	.06211	.25609	-.20820	.10013	.05758	-.44286	.11763	.08494	-5.21353
.600	-.197	.19062	.05831	.24893	-.17074	.09090	.04638	-.33944	.10256	.07004	-4.84608
.600	1.948	.18907	.05491	.24398	-.13542	.08223	.03603	-.23549	.09191	.05954	-3.95528
.598	4.001	.18594	.05234	.23828	-.09856	.07287	.02541	-.13056	.08523	.05299	-2.46386
.599	8.288	.18382	.04589	.22971	-.02831	.05583	.00529	.08112	.08554	.05405	1.50088
.599	12.541	.18114	.02962	.21076	.04884	.03321	-.01737	.30588	.12207	.08919	3.42958
.599	16.817	.17967	.01151	.19118	.11784	.01651	-.03398	.51799	.20565	.16900	3.06508
.599	21.233	.15818	.00068	.15886	.18174	.00354	-.04784	.72432	.32727	.28489	2.54245
	GRADIENT	-.00122	-.00156	-.00278	.01736	-.00431	-.00509	.04960	-.00514	-.00507	.43511

RUN NO. 83/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.901	-2.449	.26061	.09733	.35794	-.21564	.11170	.05986	-.49393	.15904	.12044	-4.10108
.901	-.314	.26233	.09045	.35278	-.17136	.09996	.04652	-.36159	.13873	.10066	-3.59226
.900	1.925	.25660	.08072	.33732	-.12468	.08624	.03321	-.23097	.12352	.08632	-2.67565
.900	4.128	.24690	.06687	.31377	-.06841	.06635	.01689	-.08421	.11638	.08009	-1.05145
.900	8.648	.25211	.05043	.30254	.05451	.02040	-.01884	.21887	.14296	.10891	2.00969
.901	13.116	.22212	.02866	.25078	.14645	-.01269	-.04294	.48127	.21892	.17926	2.68470
.901	17.414	.18109	.02737	.20946	.20363	-.02721	-.05587	.67540	.32202	.27550	2.45154
.900	21.704	.13517	.02215	.15732	.22485	-.02610	-.05865	.81078	.43620	.38017	2.13269
	GRADIENT	-.00214	-.00461	-.00675	.02223	-.00692	-.00647	.06189	-.00651	-.00615	.45881

LARC8-686(OA-116) (B26C9F8M16N29) (W116E43) (V8R5) (SHU029) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = -20.000 ELV-RI = -20.000
ELV-RO = -30.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 82/ 0 RN/L = 2.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.458	.31815	.08871	.40686	-.17499	.09814	.04751	-.37723	.21000	.15512	-2.43194
1.201	-1.278	.31921	.07498	.39419	-.14005	.08359	.03730	-.29794	.19746	.14298	-2.08384
1.200	-.075	.31684	.05878	.37562	-.10919	.07002	.02802	-.21741	.18761	.13337	-1.63014
1.200	2.053	.31679	.04510	.36189	-.05151	.04645	.01206	-.08687	.17915	.12516	-.69409
1.200	4.247	.31122	.03661	.34783	-.00375	.02828	-.00157	.04325	.18127	.12673	.34129
1.200	8.708	.25481	.01465	.26946	.09125	-.00567	-.02820	.31217	.21413	.15686	1.99015
1.200	13.095	.22491	.00169	.22660	.17162	-.03118	-.04847	.55947	.29200	.23043	2.42792
1.200	17.405	.12889	-.01265	.11624	.23556	-.05289	-.06400	.76774	.39822	.33187	2.31338
1.200	21.767	.05034	-.02949	.02085	.28118	-.06891	-.07476	.92296	.51845	.45008	2.05067
	GRADIENT	-.00102	-.00772	-.00874	.02559	-.01047	-.00731	.06258	-.00420	-.00415	.41900

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU030) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -10.000
ELV-LI = 10.000 ELV-RI = -10.000
ELV-RO = -30.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 49/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.243	-.01872	.06825	.04953	-.14827	.08251	.03908	-.24118	.18043	.12403	-1.94451
1.201	-.099	-.03047	.04809	.01762	-.08949	.05780	.02205	-.10259	.16710	.11071	-.92660
1.201	2.029	-.04362	.03690	-.00672	-.03925	.03832	.00790	.02749	.16598	.10914	.25187
1.201	4.313	-.05877	.02308	-.03569	.01347	.01691	-.00721	.16761	.17422	.11655	1.43813
1.201	8.836	-.09684	-.00461	-.10145	.11190	-.01932	-.03413	.42469	.21697	.15885	2.67356
1.202	13.205	-.14545	-.02251	-.16796	.19046	-.04382	-.05360	.66157	.30514	.24302	2.72224
1.200	17.478	-.20311	-.03526	-.23837	.25433	-.06675	-.06912	.86309	.42112	.35548	2.42793
1.200	21.801	-.24656	-.04879	-.29535	.29836	-.08148	-.07915	1.01841	.55254	.48339	2.10680
	GRADIENT	-.00612	-.00672	-.01284	.02455	-.00992	-.00702	.06223	-.00088	-.00107	.51971

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU031) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = 10.000
ELV-LI = 20.000 ELV-RI = .000
ELV-RO = -10.000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 50/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.201	-2.163	-.16019	-.02679	-.18698	-.07692	.03924	.01970	-.12059	.16870	.11054	-1.09091
1.201	.051	-.16681	-.03762	-.20443	-.02118	.01676	.00369	.01516	.16402	.10608	.14293
1.201	2.241	-.17299	-.05178	-.22477	.02609	-.00140	-.00992	.14557	.16986	.11153	1.30515
1.201	4.502	-.18511	-.06589	-.25100	.07036	-.01805	-.02269	.27413	.18603	.12677	2.16246
1.200	8.861	-.22276	-.08687	-.30963	.15090	-.04493	-.04483	.51584	.23905	.17864	2.88761
1.201	13.251	-.26164	-.10112	-.36276	.22756	-.07016	-.06356	.75274	.33688	.27146	2.77287
1.201	17.606	-.30996	-.11549	-.42545	.29502	-.09374	-.07946	.95405	.46452	.39529	2.41353
1.200	21.930	-.33843	-.12382	-.46225	.33131	-.10581	-.08776	1.09682	.59891	.52870	2.07457
	GRADIENT	-.00365	-.00593	-.00958	.02204	-.00856	-.00634	.05925	.00262	.00245	.49208

LARC8-686(OA-116) (B26C9F8M16N28) (W116E43) (V8R5) (SHU032) (17 DEC 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8117 INCHES YMRP = .0000 IN. YO
BREF = 936.6817 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELV-LO = -20.000
ELV-LI = -20.000 ELV-RI = .000
ELV-RO = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 77/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.350	-2.075	.18890	.07698	.26588	-.05691	.02087	.01344	-.26795	.09195	.05711	-4.69207
.350	-.032	.18639	.07427	.26066	-.02626	.01546	.00489	-.18009	.08465	.05050	-3.56590
.350	2.010	.18282	.07109	.25391	.00382	.00748	-.00394	-.09259	.07952	.04595	-2.01475
.350	4.054	.17906	.06826	.24732	.03590	.00010	-.01310	-.00115	.07831	.04548	-.02518
.351	8.150	.17676	.06170	.23846	.09651	-.01233	-.03103	.19488	.08722	.05553	3.50972
.351	12.237	.17509	.04946	.22455	.15515	-.02746	-.04699	.38693	.11920	.08729	4.43241
.350	16.358	.16980	.04143	.21103	.23573	-.04999	-.06766	.60958	.20158	.16674	3.65576
.350	20.454	.14034	.03218	.17252	.29275	-.06321	-.08260	.80524	.31489	.27547	2.92312
	GRADIENT	-.00162	-.00144	-.00306	.01520	-.00344	-.00433	.04346	-.00225	-.00193	.76127

LARC8-696(CA-116) (B28C9F8M16N28) (W116E43) (V8R5) (SHU032) (17 DEC 74)

REFERENCE DATA

SREF =	2090.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8117 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6817 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0130				

PARAMETRIC DATA

BETA =	.000	ELV-LO =	-20.000
ELV-LI =	-20.000	ELV-RI =	.000
ELV-RO =	.000	RUDDER =	.000
SPOBRK =	25.000		

RUN NO. 76/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CMWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.599	-2.243	.20206	.08104	.28310	-.05766	.02119	.01484	-.28737	.09473	.05797	-4.95724
.598	-.115	.19836	.07825	.27661	-.02495	.01437	.00544	-.18953	.08573	.04880	-3.88351
.599	2.016	.19489	.07373	.27062	.00805	.00754	-.00428	-.09791	.08003	.04490	-1.97570
.600	4.117	.19076	.07246	.26322	.04155	.00034	-.01399	.01296	.07886	.04494	.29099
.600	8.372	.18709	.06355	.25064	.11420	-.01744	-.03488	.22330	.08934	.05579	4.00251
.600	12.664	.19069	.04533	.23604	.18608	-.03692	-.05479	.45545	.14233	.10740	4.24072
.600	16.934	.18228	.03199	.21427	.25306	-.05444	-.07007	.65994	.23982	.20084	3.28584
.600	21.215	.15981	.02811	.18792	.32672	-.07412	-.08733	.87340	.37254	.32666	2.67371
	GRADIENT	-.00176	-.00133	-.00309	.01559	-.00327	-.00454	.04727	-.00252	-.00210	.83190

RUN NO. 75/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
.900	-2.408	.28156	.12817	.40973	-.06955	.02811	.01844	-.35065	.12487	.08408	-4.17039
.901	-.178	.28094	.11824	.39918	-.02072	.01556	.00438	-.21314	.11050	.07081	-3.01001
.901	2.044	.26831	.10990	.37787	.02499	.00507	-.00882	-.08118	.10368	.06504	-1.24812
.901	4.242	.25663	.09144	.34807	.06478	-.00651	-.02035	.05061	.10591	.06805	.74394
.902	8.679	.25319	.04212	.29531	.14106	-.02890	-.04094	.31548	.14370	.10727	2.94091
.902	13.078	.20788	.02358	.23126	.20978	-.05185	-.05761	.54906	.22498	.18408	2.98306
.901	17.462	.16799	.02523	.19322	.27030	-.08985	-.07212	.75030	.33726	.28871	2.59882
.902	21.804	.13108	.02809	.15918	.28876	-.06774	-.07478	.88219	.45693	.39595	2.22791
	GRADIENT	-.00394	-.00336	-.00930	.02024	-.00525	-.00585	.06025	-.00288	-.00244	.74414

RUN NO. 74/ 0 RN/L = 2.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEINB	CHEOTB	CHETTL	CNWING	CMWING	CBLWNG	CLF	CD	CDF	L/DF
1.200	-2.258	.32936	.10969	.43905	-.04268	.02046	.01061	-.26469	.17970	.12635	-2.09486
1.201	-.065	.32821	.07744	.40565	.00761	.00087	-.00388	-.12738	.16721	.11346	-1.12271
1.201	2.121	.32428	.04964	.37392	.05389	-.01638	-.01722	.00664	.16533	.11135	.05962
1.201	4.322	.30779	.03316	.34095	.09669	-.03185	-.02937	.13532	.17279	.11796	1.14713
1.201	8.700	.24780	.02482	.27262	.17173	-.05512	-.04973	.37784	.21341	.15670	2.41124
1.199	13.115	.21808	.02407	.24215	.25020	-.08085	-.06925	.61619	.29766	.23617	2.60906
1.200	17.502	.12503	.01173	.13676	.31303	-.10389	-.08466	.82972	.41311	.34612	2.39724
1.199	21.838	.04835	-.00207	.04628	.35242	-.11689	-.09342	.98021	.53720	.46885	2.09064
	GRADIENT	-.00313	-.01174	-.01487	.02118	-.00794	-.00608	.06085	-.00103	-.00124	.49754